API Well Number: 43013513220000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER Ute Tribal 4-18-3-3WH	
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** WILDCAT
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY	**7. OPERATOR PHONE** 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052	**9. OPERATOR E-MAIL** mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 1420H626388	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ◉ STATE ○ FEE ○
12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ○ STATE ○ FEE ◉	
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Elroy T. Hoover and Marie Hoover Trust	**14. SURFACE OWNER PHONE (if box 12 = 'fee')** 818-575-2226
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 2274 Sirius St, Thousand Oaks, CA 91360	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ◉
19. SLANT VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	188 FNL 988 FWL	NWNW	18	3.0 S	3.0 W	U
Top of Uppermost Producing Zone	660 FNL 660 FWL	NWNW	18	3.0 S	3.0 W	U
At Total Depth	660 FSL 660 FWL	SWSW	18	3.0 S	3.0 W	U

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 188	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1435	**26. PROPOSED DEPTH** MD: 13450 TVD: 9076
27. ELEVATION - GROUND LEVEL 5502	**28. BOND NUMBER** RLB00100473	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 437478

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Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8
SURF	12.25	9.625	0 - 2500	36.0	J-55 LT&C	8.3	Premium Lite High Strength	204	3.53	11.0
							Class G	154	1.17	15.8
I1	8.75	7	0 - 9584	26.0	P-110 Other	10.5	Premium Lite High Strength	284	3.53	11.0
							50/50 Poz	389	1.24	14.3
L1	6.125	4.5	8691 - 13450	13.5	P-110 Other	10.5	No Used	0	0.0	0.0

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Don Hamilton	**TITLE** Permitting Agent	**PHONE** 435 719-2018
SIGNATURE	**DATE** 03/26/2012	**EMAIL** starpoint@etv.net

API NUMBER ASSIGNED
43013513220000

APPROVAL

Permit Manager

RECEIVED: April 18, 2012

Newfield Production Company
Ute Tribal 4-18-3-3WH
Surface Hole Location: 188' FNL, 988' FWL, Section 18, T3S, R3W
Bottom Hole Location: 660' FSL, 660' FWL, Section 18, T3S, R3W
Duchesne County, UT

Drilling Program

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1. Formation Tops

Uinta	surface
Green River	3,934'
Garden Gulch member	6,796'
Wasatch	9,361'
Pilot Hole TD	9,611'
Lateral TD	9,076' TVD / 13,450' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	100'	(water)
Green River	6,796' - 9,076'	(oil)

Note: The pilot hole will be drilled into the Wasatch formation for evaluation and targeting purposes only. The lateral will be drilled in the Green River formation.

3. Pressure Control

Section — BOP Description

Surface — 12-1/4" diverter

Interm/Prod — The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
									--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	LTC	8.33	8.33	12	3,520	2,020	453,000
									2.51	2.54	5.03
Intermediate 7	0'	9,261' 9,584'	26	P-110	BTC	10	10.5	15	9,960	6,210	853,000
									2.56	1.50	3.42
Production 4 1/2	8,691'	9,076' 13,450'	13.5	P-110	BTC	10	10.5	--	12,410	10,670	422,000
									3.26	2.64	6.57

RECEIVED: March 26, 2012

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	220 / 204	15%	11.0	3.53
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180 / 154	15%	15.8	1.17
Pilot Hole Plug Back	8 3/4	970'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	466 / 376	15%	14.3	1.24
Intermediate Lead	8 3/4	5,796'	Premium Lite II w/ 3% KCl + 10% bentonite	1002 / 284	15%	11.0	3.53
Intermediate Tail	8 3/4	2,788'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	482 / 389	15%	14.3	1.24
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

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The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the pilot hole plug back and the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

Interval **Description**

Surface - 2,500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

2,500'	- TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 10.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.52 psi/ft gradient.

9,076' x 0.52 psi/ft = 4720 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

An 8-3/4" pilot hole will be drilled in order to determine the depth to the lateral target zone.
The pilot hole will be logged, and then plugged back in prepartion for horizontal operations.
Directional tools will then be used to build to 92.75 degrees inclination.
The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat.
A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:
- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

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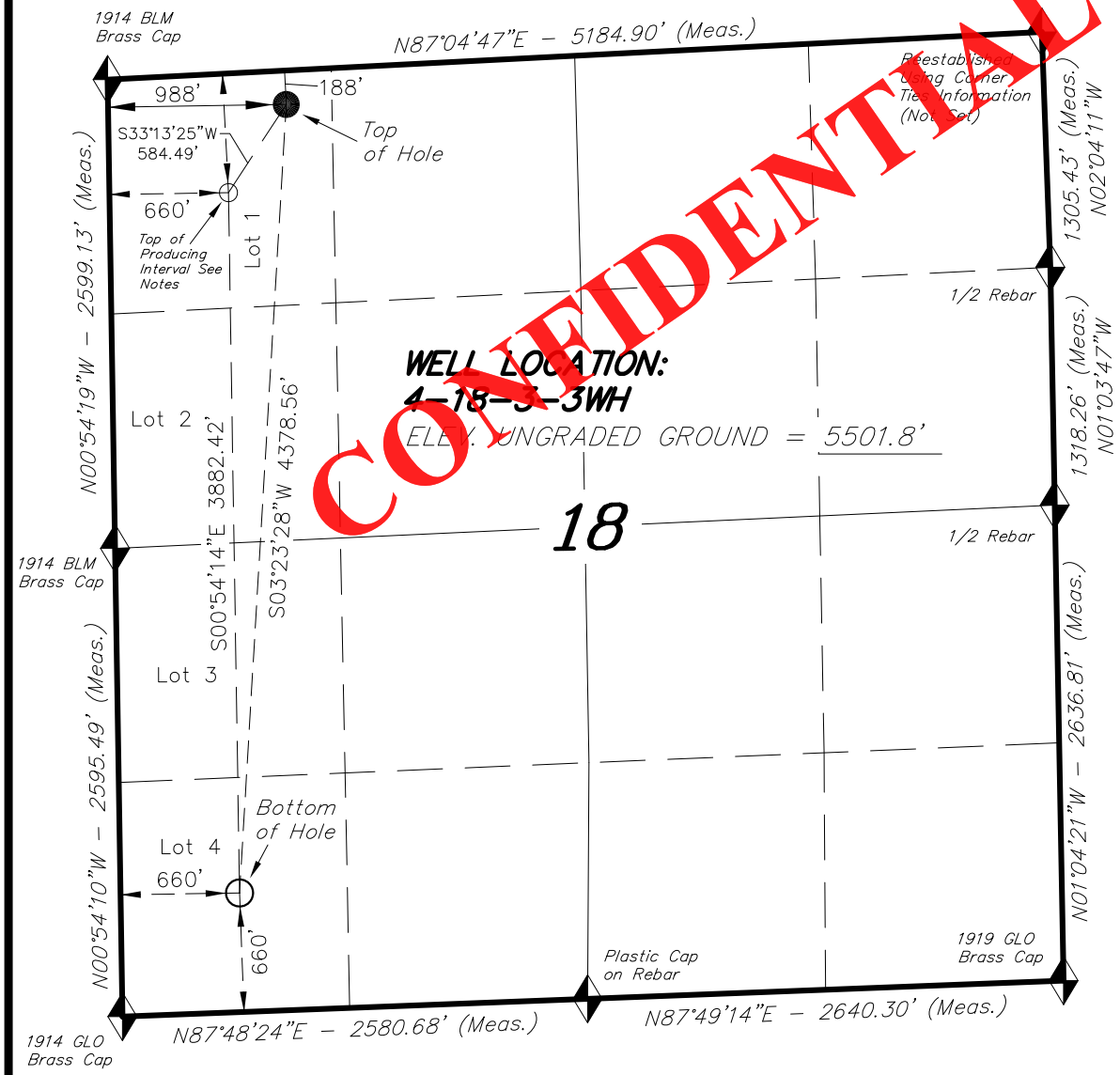
API Well Number: 43013513220000

T3S, R3W, U.S.B.&M.



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= SECTION CORNERS LOCATED

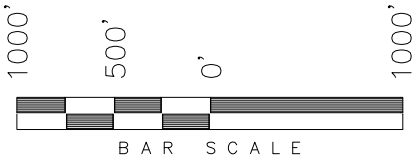
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

4-18-3-3WH
(Surface Location) NAD 83
LATITUDE = 40° 13' 40.04"
LONGITUDE = 110° 16' 16.79"

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 4-18-3-3WH, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 (LOT 1) OF SECTION 18, T3S, R3W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, 4-18-3-3WH, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 (LOT 4) OF SECTION 18, T3S, R3W, S.L.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:
1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*
3. *Top of Producing Interval footages are 660' FNL & 660' FWL.*

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No.189377 01-19-12 STACY W. STEWART STATE OF UTAH

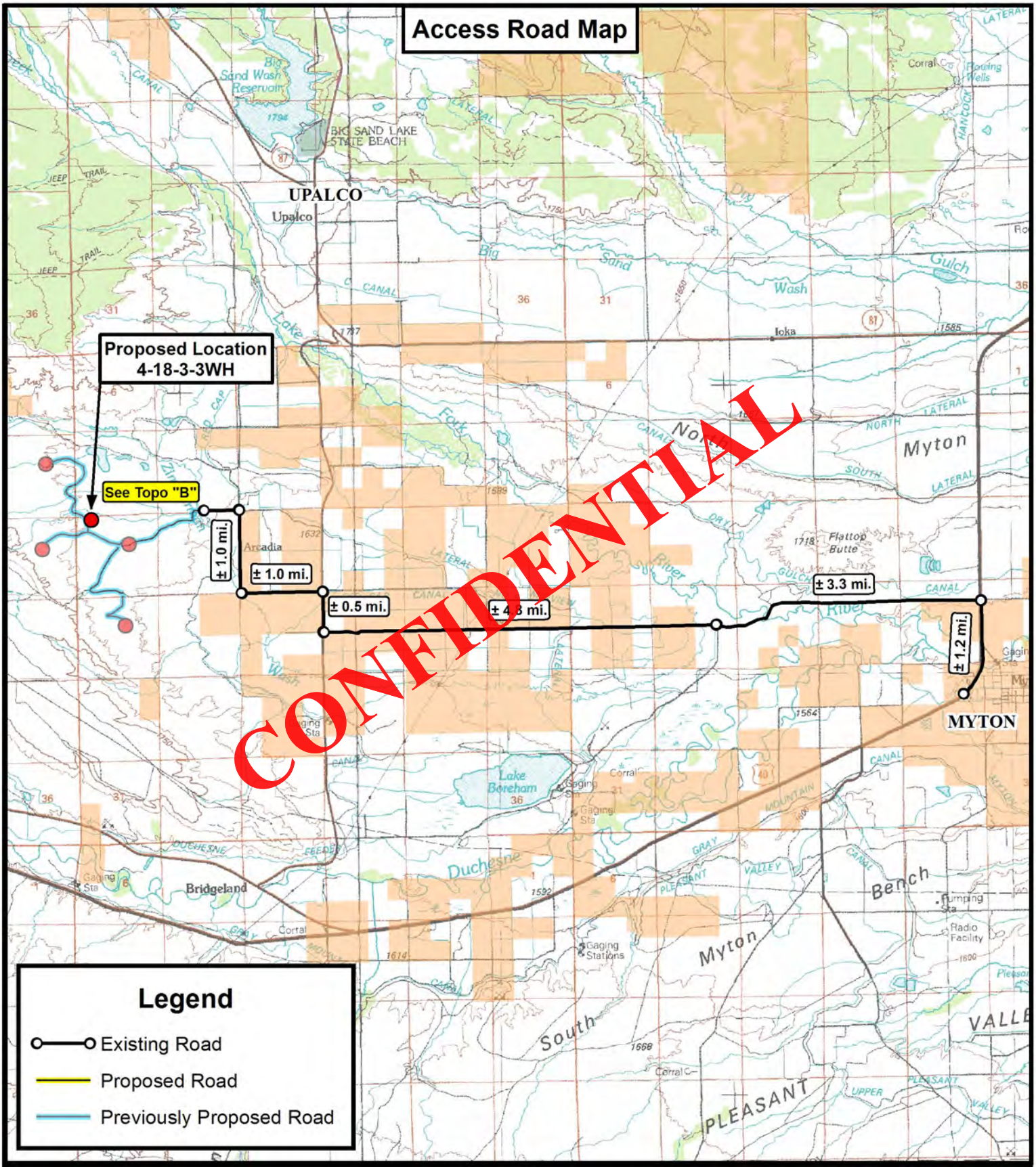
REGISTERED LAND SURVEYOR
REGISTRATION No. [illegible]
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-19-11	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 11-29-11	DRAWN BY: F.T.M.	V2
REVISED: 01-12-12 F.T.M.	SCALE: 1" = 1000'	

RECEIVED: March 26, 2012

API Well Number: 43013513220000



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P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

4-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

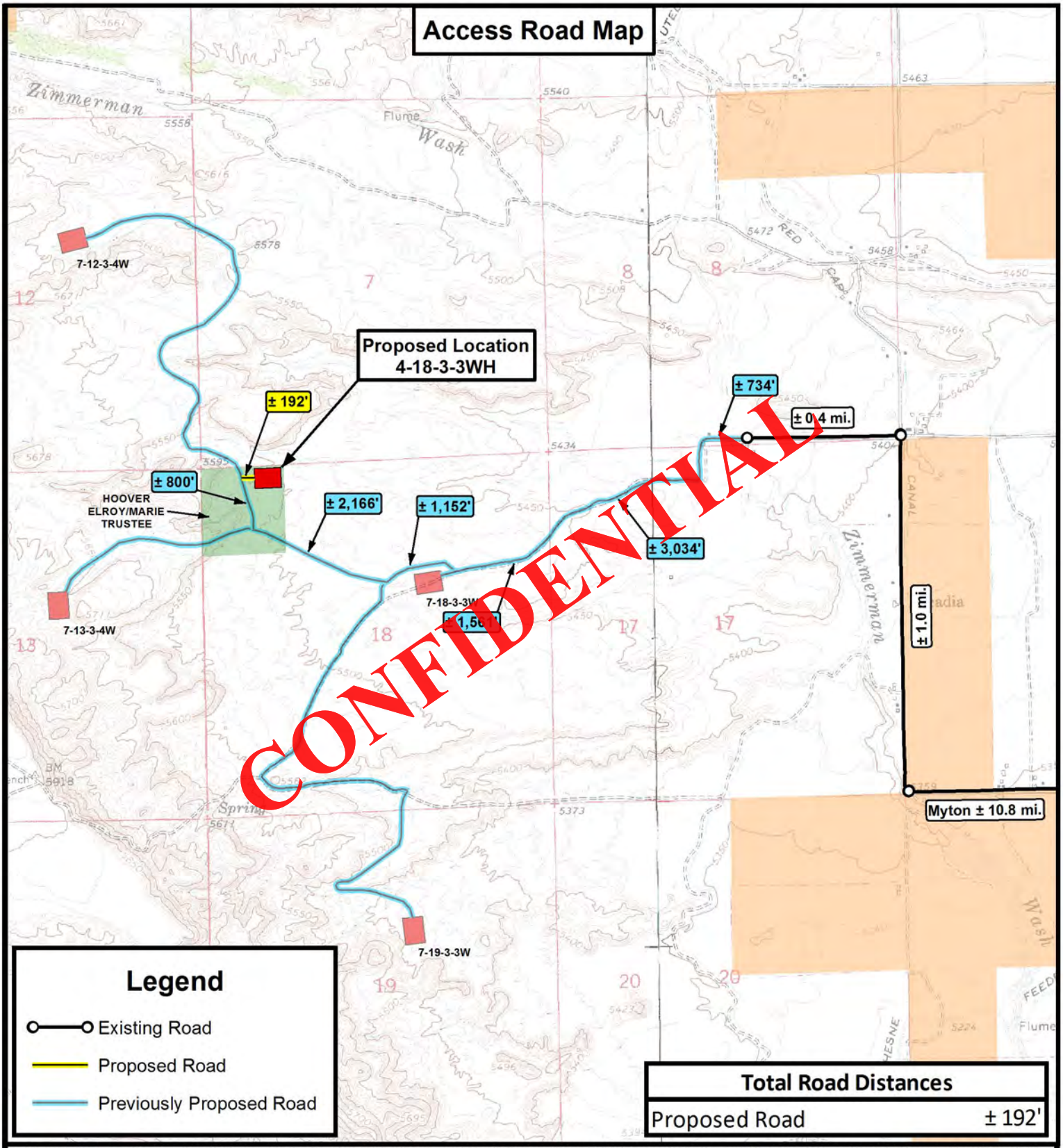
DRAWN BY:	A.P.C.	REVISED: 01-12-12 A.P.C.	VERSION:
DATE:	11-30-2011		V2
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013513220000

Access Road Map



Legend

- Existing Road
- Proposed Road
- Previously Proposed Road

Total Road Distances	
Proposed Road	± 192'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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NEWFIELD EXPLORATION COMPANY
4-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

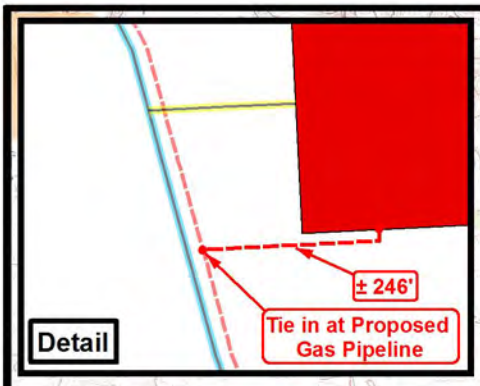
DRAWN BY:	A.P.C.	REVISED: 01-12-12 A.P.C.	VERSION:
DATE:	11-30-2011		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013513220000

Proposed Pipeline Map



7-12-3-4W

Proposed Location
4-18-3-3WH

See "Detail"

HOOVER
ELROY/MARIE
TRUSTEE

7-18-3-3W

7-13-3-4W

7-19-3-3W

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Legend

- Existing Road
- Proposed Road
- Previously Proposed Road
- Proposed Gas Pipeline

Total Pipeline Distances	
Proposed Gas Pipeline	± 246'

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NEWFIELD EXPLORATION COMPANY
4-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

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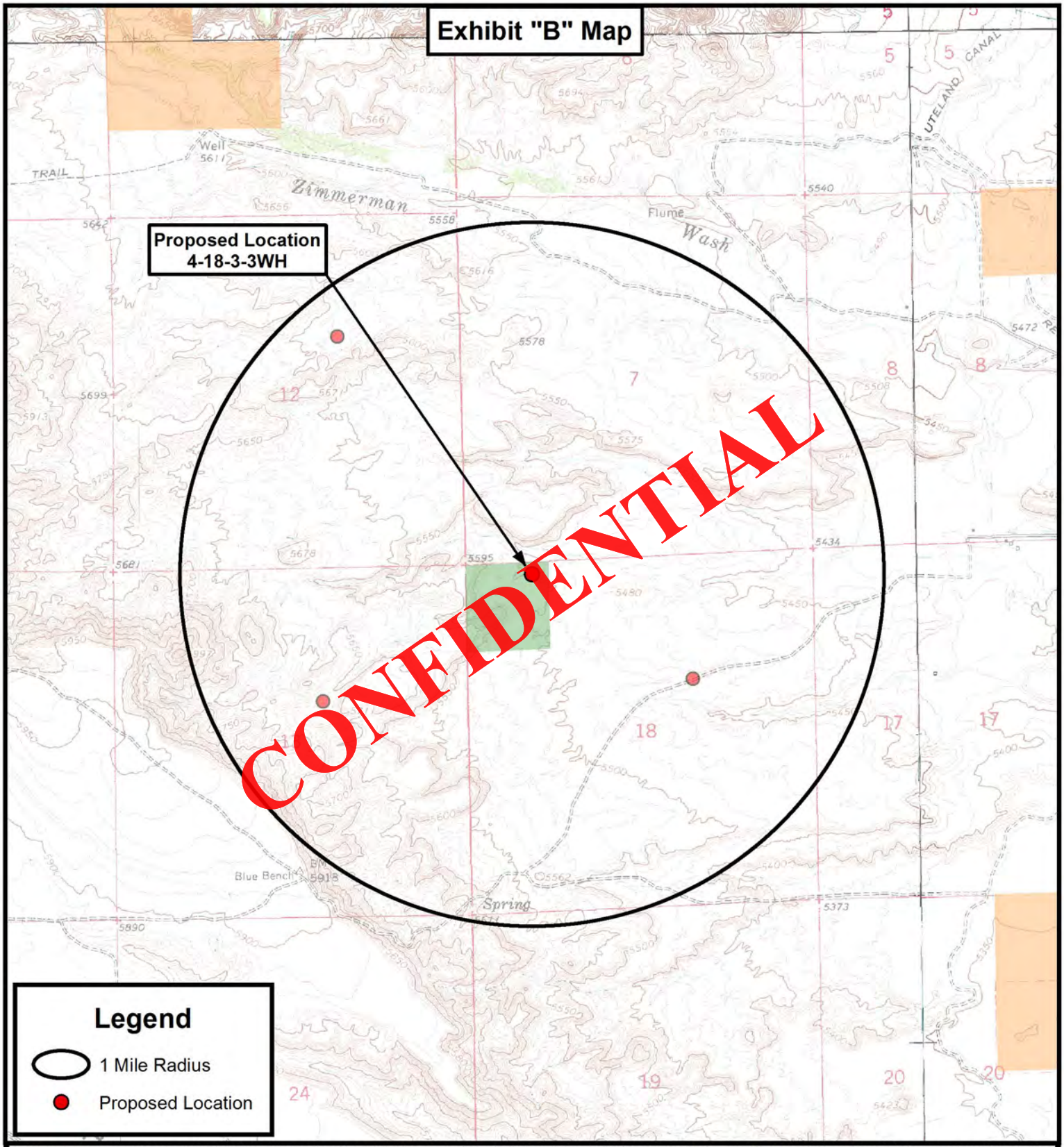
DATE:	11-30-2011		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013513220000

Exhibit "B" Map



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NEWFIELD EXPLORATION COMPANY

4-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 01-12-12 A.P.C.	VERSION:
DATE:	11-30-2011		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

API Well Number: 43013513220000

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

4-18-3-3WH

Pad Location: NWNW (LOT 1) Section 18, T3S, R3W, U.S.B.&M.

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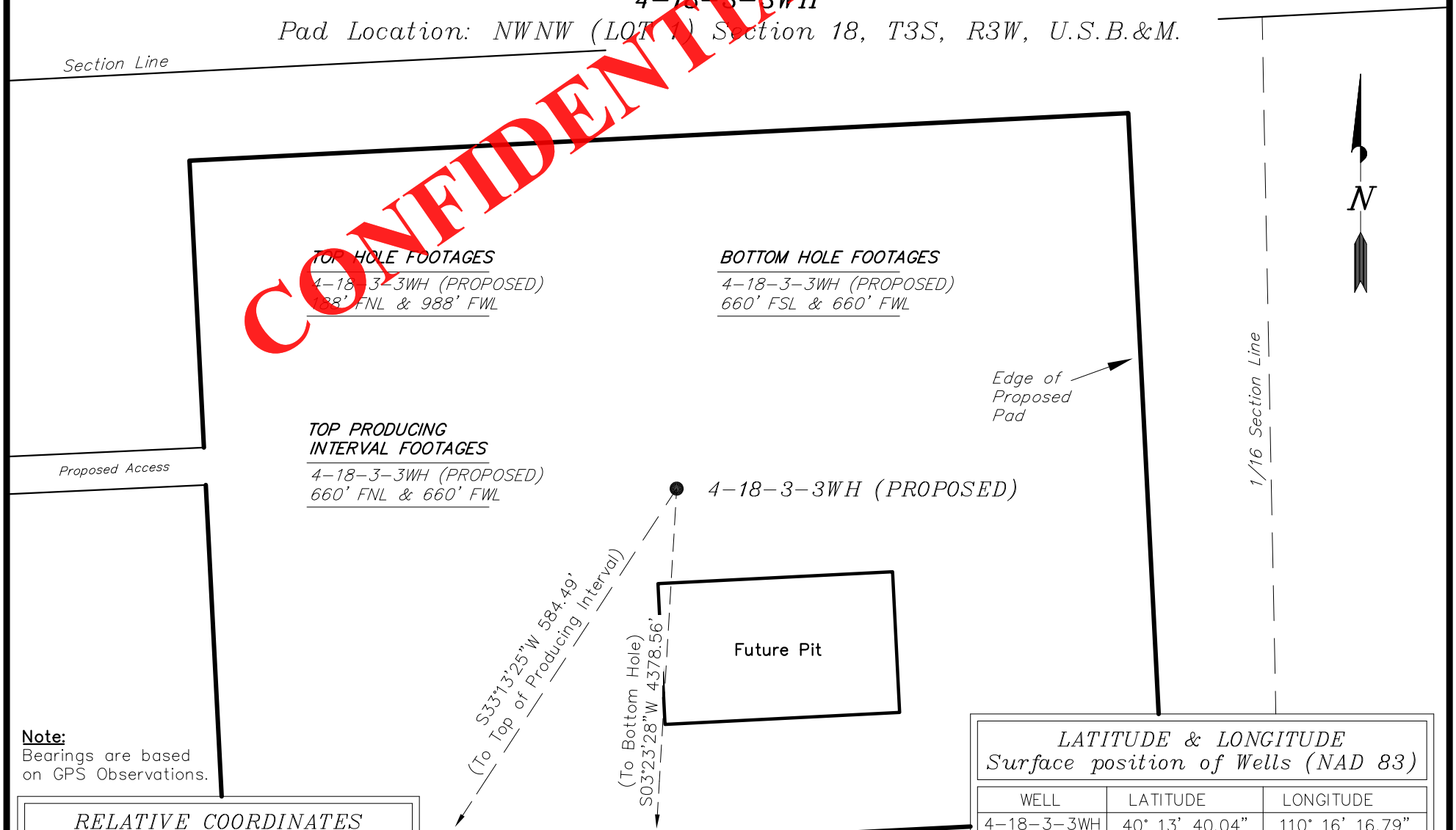

Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
4-18-3-3WH	-4,371'	-259'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
4-18-3-3WH	40° 13' 40.04"	110° 16' 16.79"

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SCALE: 1" = 60'	REVISED: F.T.M. 01-12-12		

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AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

Christian C. Sizemore personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Christian C. Sizemore. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").

2. Newfield is the Operator of the proposed Ute Tribal 4-18-3-3WH well to be located in the NWNW of Section 18, Township 3 South, Range 3 West, Duchesne, County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Elroy T. Hoover and Marie Hoover Trusts 1997, whose address is 2274 Sirius St, Thousand Oaks, CA 91360 ("Surface Owner").

3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated December 14, 2011 covering the Drillsite Location and access to the Drillsite Location.

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FURTHER AFFIANT SAYETH NOT.

Christian C. Sizemore, Landman

ACKNOWLEDGEMENT

STATE OF COLORADO §
§
COUNTY OF DENVER §

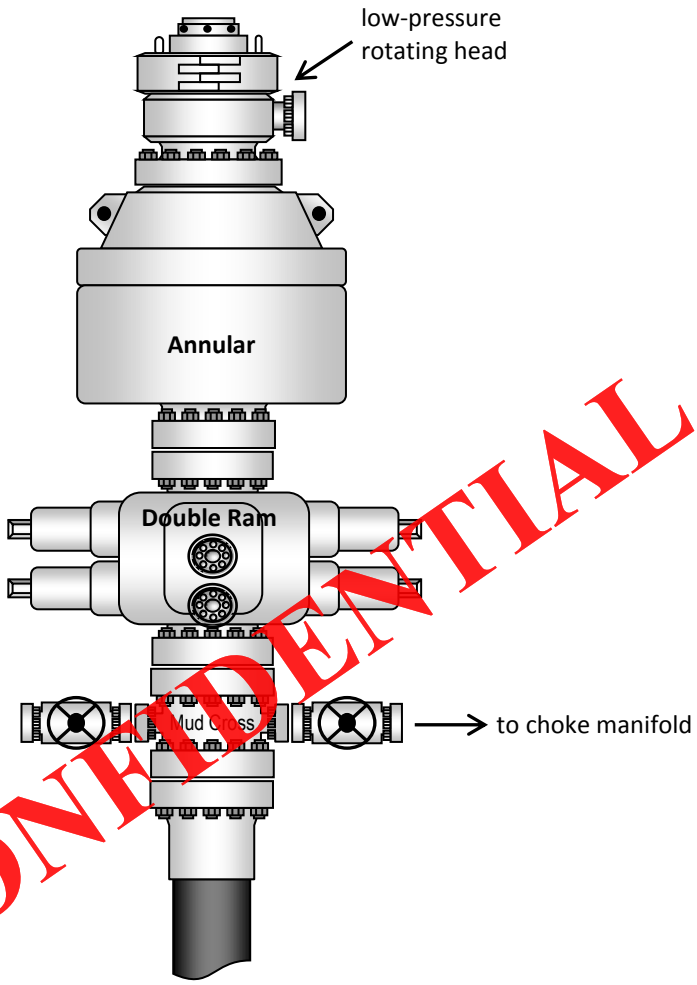
Before me, a Notary Public, in and for the State, on this 15th day of December, 2011, personally appeared Christian C. Sizemore, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires:

PETER BURNS
NOTARY PUBLIC
STATE OF COLORADO
My Commission Expires 8/09/2015

Typical 5M BOP stack configuration



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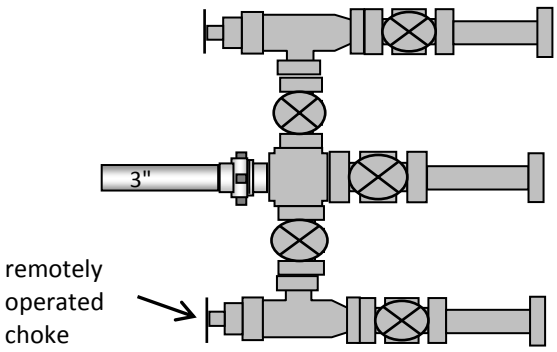
Typical 5M choke manifold configuration



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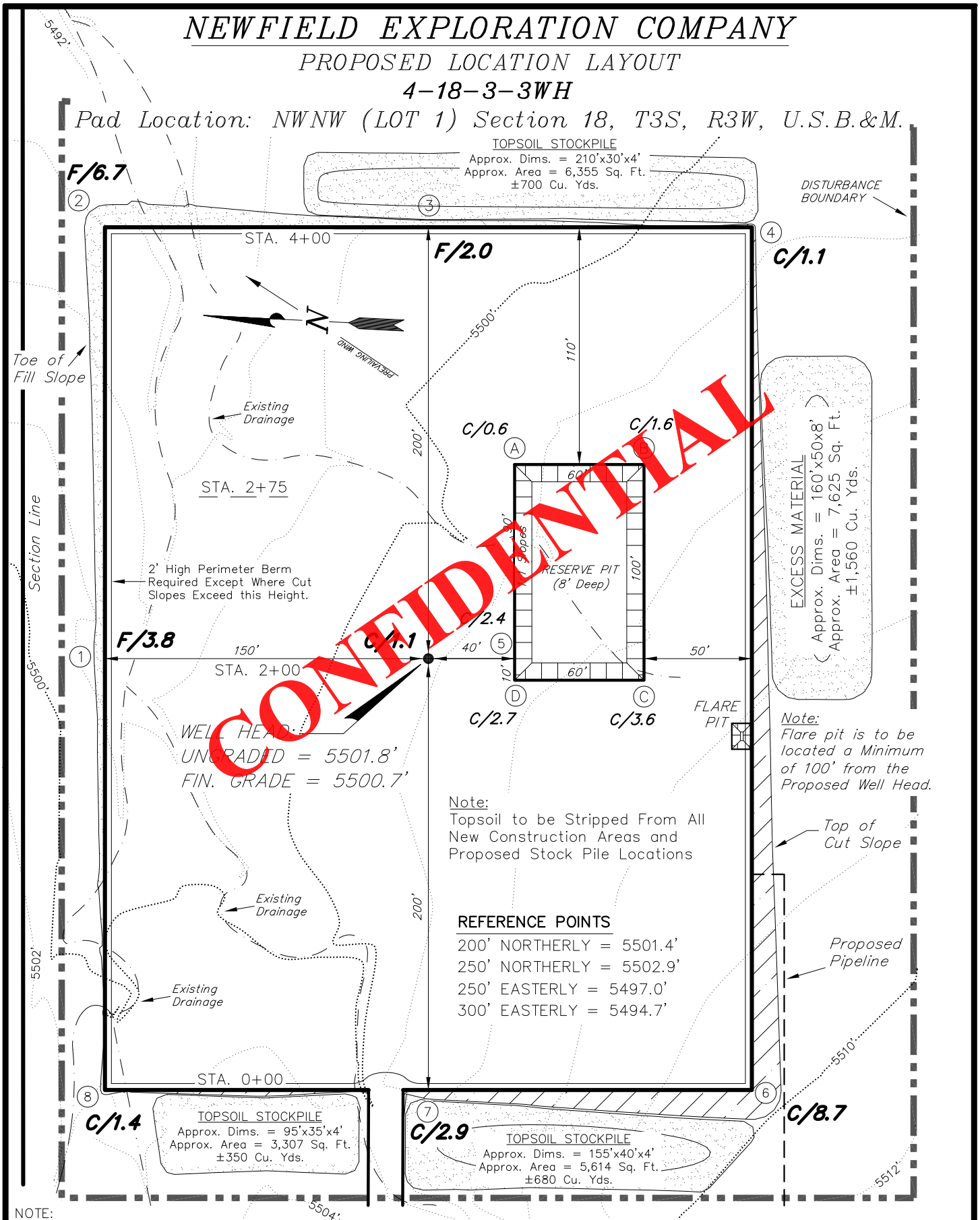
NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

4-18-3-3WH

Pad Location: NWNW (LOT 1) Section 18, T3S, R3W, U.S.B.&M.



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NOTE:
The topsoil & excess material areas are calculated as being mounds containing 3,290 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

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SCALE: 1" = 60'	REVISED: F.T.M. 01-12-12		

RECEIVED: March 26, 2012

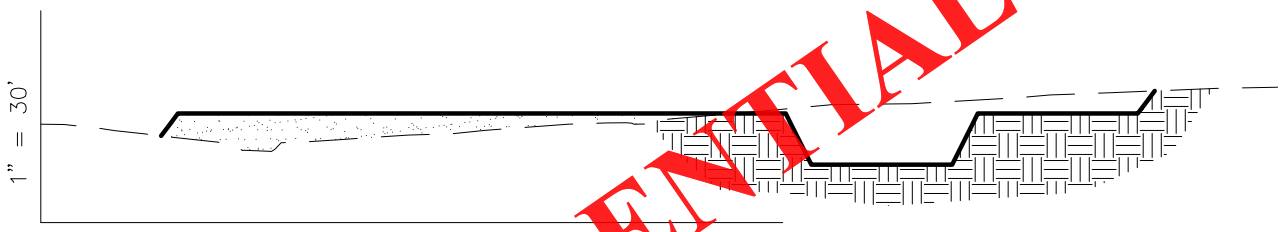
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

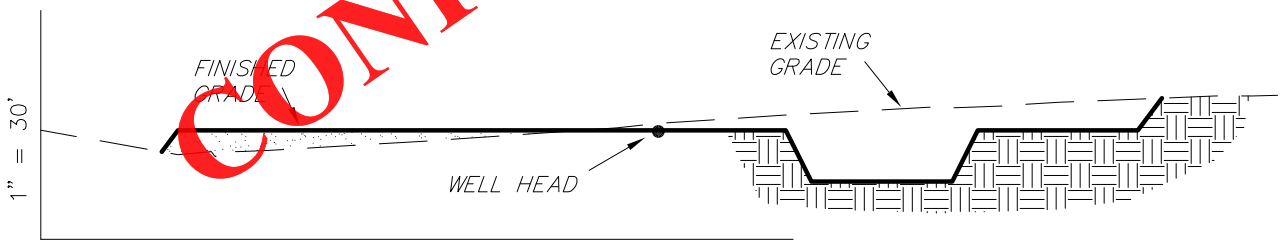
4-18-3-3WH

Pad Location: NWNW (LOT 1) Section 18, T3S, R3W, U.S.B.&M.

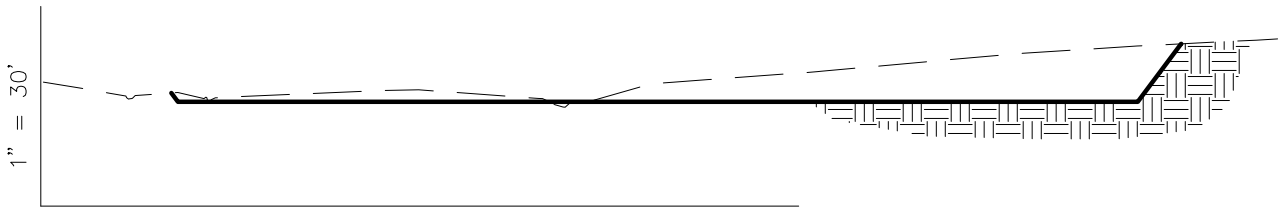
STA. 4+00



STA. 2+75



STA. 2+00



STA. 0+00

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ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	6,180	6,180	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
TOTALS	7,600	6,180	2,510	1,420

NOTE:
UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

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DRAWN BY: F.T.M.	DATE DRAWN: 11-29-11	V2
SCALE: 1" = 60'	REVISED: F.T.M. 01-12-12	

Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

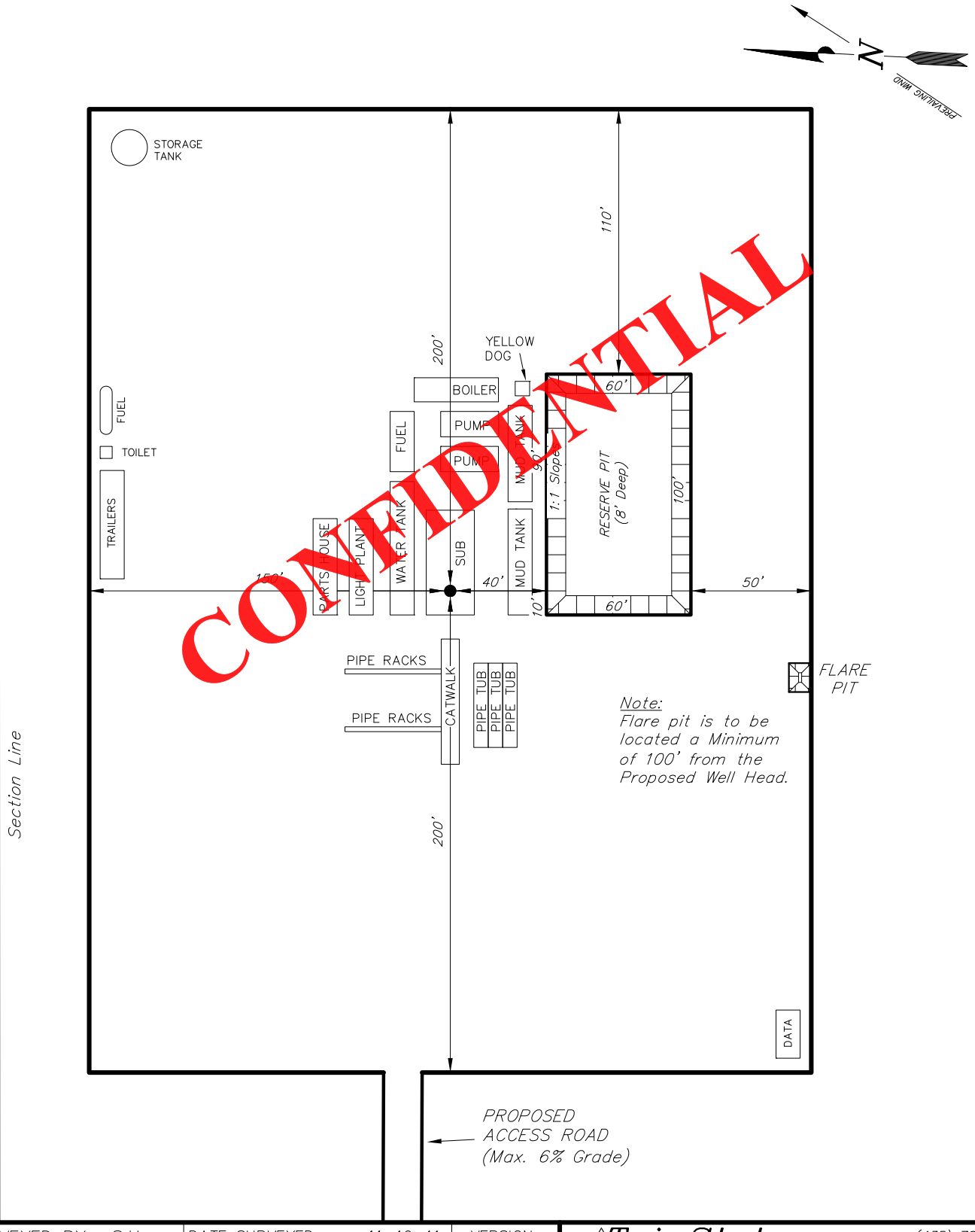
RECEIVED: March 26, 2012

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

4-18-3-3WH

Pad Location: NWNW (LOT 1) Section 18, T3S, R3W, U.S.B.&M.



Note: Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

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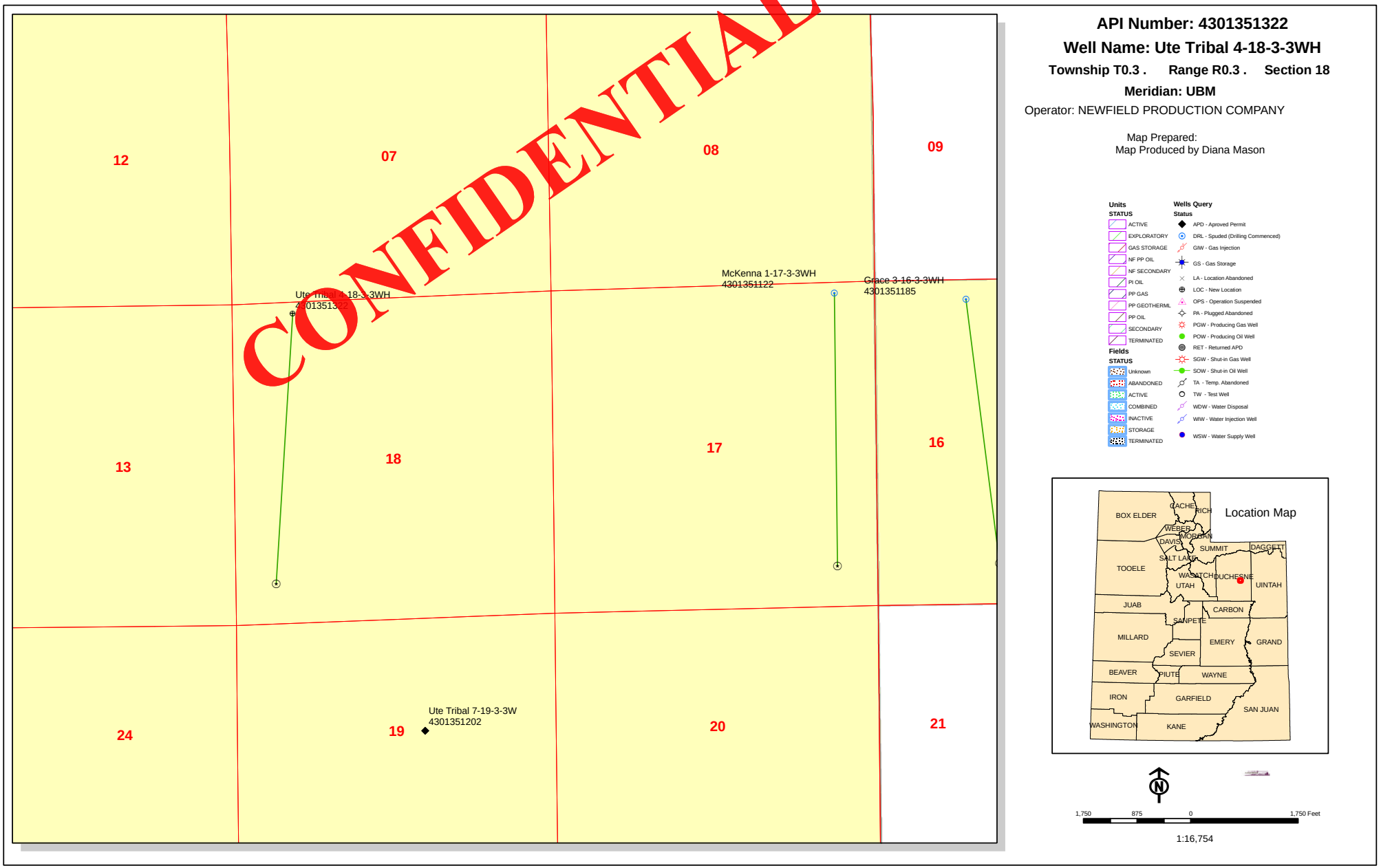
SURVEYED BY: S.H.	DATE SURVEYED: 11-19-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-29-11	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 01-12-12		

RECEIVED: March 26, 2012

API Well Number: 43013513220000



RECEIVED: March 30, 2012

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	NEWFIELD PRODUCTION COMPANY						
Well Name	Ute Tribal 4-18-3-3WH						
API Number	43013513220000	**APD No**	5531	**Field/Unit**	WILDCAT		
Location: 1/4,1/4	NWNW	**Sec** 18	**Tw** 3.0S	**Rng** 3.0W	188 FNL	988 FWL	
GPS Coord (UTM)	561992 4453295	**Surface Owner**	Elroy T. Hoover and Marie Hoover Trust				

Participants

F. Bird, C. Miller, – Newfield; C. Jensen,– DOGM ; S. Wysong, J. Simonsen -BLM

Regional/Local Setting & Topography

This location is within what is known as the Central Basin Unit approximately 1 mile East of the 12000 W paved road in Duchesne County below the Eastern edge of the Blue Bench. The city of Myton is 11 road miles East. The site chosen is adjacent a minor butte. The surrounding topography is fairly flat with slopes

Surface Use Plan

Current Surface Use
Grazing

New Road Miles	Well Pad	Src Const Material	Surface Formation
1.67	**Width** 300 **Length** 400	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Dominant vegetation;
Sage, Prickly pear, Broom snakeweed and Horsebrush surround the proposed site.
Wildlife;
Habitat contains forbs that may be suitable browse for deer, antelope and rabbits, though none were observed.

Soil Type and Characteristics

gravelly silty sands, gently sloping to the North. Gravels concentrated enough to nearly be classified as desert pavement

Erosion Issues Y

This location is below a bench with significant existing erosion present on top of drainages drawn on 24K map

Sedimentation Issues Y

soils are highly erodible and present a threat under heavy precipitation events

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RECEIVED: April 18, 2012

Site Stability Issues N

Drainage Diverson Required? Y

location to be moved South within the drilling window to avoid building over major portions of drainage

Berm Required? Y

Erosion Sedimentation Control Required? Y

Methods (BMP's) needed to protect pad from drainage on corner 8 before flows can reach top soil stockpiles

Paleo Survey Run? Y **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)		20	
Dist. Nearest Municipal Well (ft)	1320 to 5280	5	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	50	1 Sensitivity Level

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Characteristics / Requirements

Pit to be dug to a depth of 8'. Because of the likely hood of disturbance to existing sandstone bedrock , pit underlayment is to be used to protect the liner from potential puncture. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. Pit to be closed within one year after drilling activities are complete.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?**

Other Observations / Comments

met with T. Eaton on 4/13/2012. an ammendment to the APD will be submitted to adress the siting over the wash and moving the pad south within the drilling window

Chris Jensen	4/11/2012
Evaluator	**Date / Time**

RECEIVED: April 18, 2012

Application for Permit to Drill
Statement of Basis

4/18/2012

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
5531	43013513220000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		**Surface Owner-APD**	Elroy T. Hoover and Marie Hoover Trust	
Well Name	Ute Tribal 4-18-3-3WH		**Unit**		
Field	WILDCAT		**Type of Work**	DRILL	
Location	NWNW 18 3S 3W U 188 FNL 988 FWL GPS Coord (UTM) 561989E 4453296N				

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Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill — **APD Evaluator**

4/16/2012 — **Date / Time**

Surface Statement of Basis

Operator has a surface agreement in place with the landowner. Location proposed is not in the best possible position within the spacing window. Location is to be moved South to avoid major portions of drainage.
The soil type and topography at present do combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions. Drainage , at present, cuts across pad from corner 8, a cut side, and the access road through the pad to corner 2 which is on the fill side of pad. The topsoil stockpile is proposed between the forks of the wash. Construction standards as presented on exhibits by the Operator as proposed do not appear to be adequate for the proposed purpose. I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The landowner was invited and was not in attendance for the pre-site inspection. The location should be bermed to prevent spills from leaving the confines of the pad. Fencing around the reserve pit will be necessary once the well is drilled to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit.

Chris Jensen — **Onsite Evaluator**

4/11/2012 — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

RECEIVED: April 18, 2012

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/26/2012 **API NO. ASSIGNED:** 43013513220000

WELL NAME: Ute Tribal 4-18-3-3WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NWNW 18 030S 030W **Permit Tech Review:** ☑

SURFACE: 0188 FNL 0988 FWL **Engineering Review:** ☐

BOTTOM: 0660 FSL 0660 FWL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.22781 **LONGITUDE:** -110.27137

UTM SURF EASTINGS: 561989.00 **NORTHINGS:** 4453296.00

FIELD NAME: WILDCAT

LEASE TYPE: 2 - Indian

LEASE NUMBER: 1420H626388 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

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RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** INDIAN - RLB00100473
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 139-42

Effective Date: 4/12/1985

Siting: 660' Fr Ext U Bdry & 1320' Fr Other Wells

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
4 - Federal Approval - dmason
5 - Statement of Basis - bhill
27 - Other - bhill

RECEIVED: April 18, 2012

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: Ute Tribal 4-18-3-3WH
API Well Number: 43013513220000
Lease Number: 1420H626388
Surface Owner: FEE (PRIVATE)
Approval Date: 4/18/2012

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-42. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at http://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 1420H626388

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Ute Tribal 4-18-3-3WH

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013513220000

3. ADDRESS OF OPERATOR:
Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0188 FNL 0988 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNW Section: 18 Township: 03.0S Range: 03.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/15/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached please find updated information (plat package, drilling and directonal plans and surface use plan) following reloation of the pad. The pad was moved 168 feet southeast during an earlier onsite visit and remains on private surface owned by Elroy T. and Marie Hoover Trists 1997 with surface use in place.

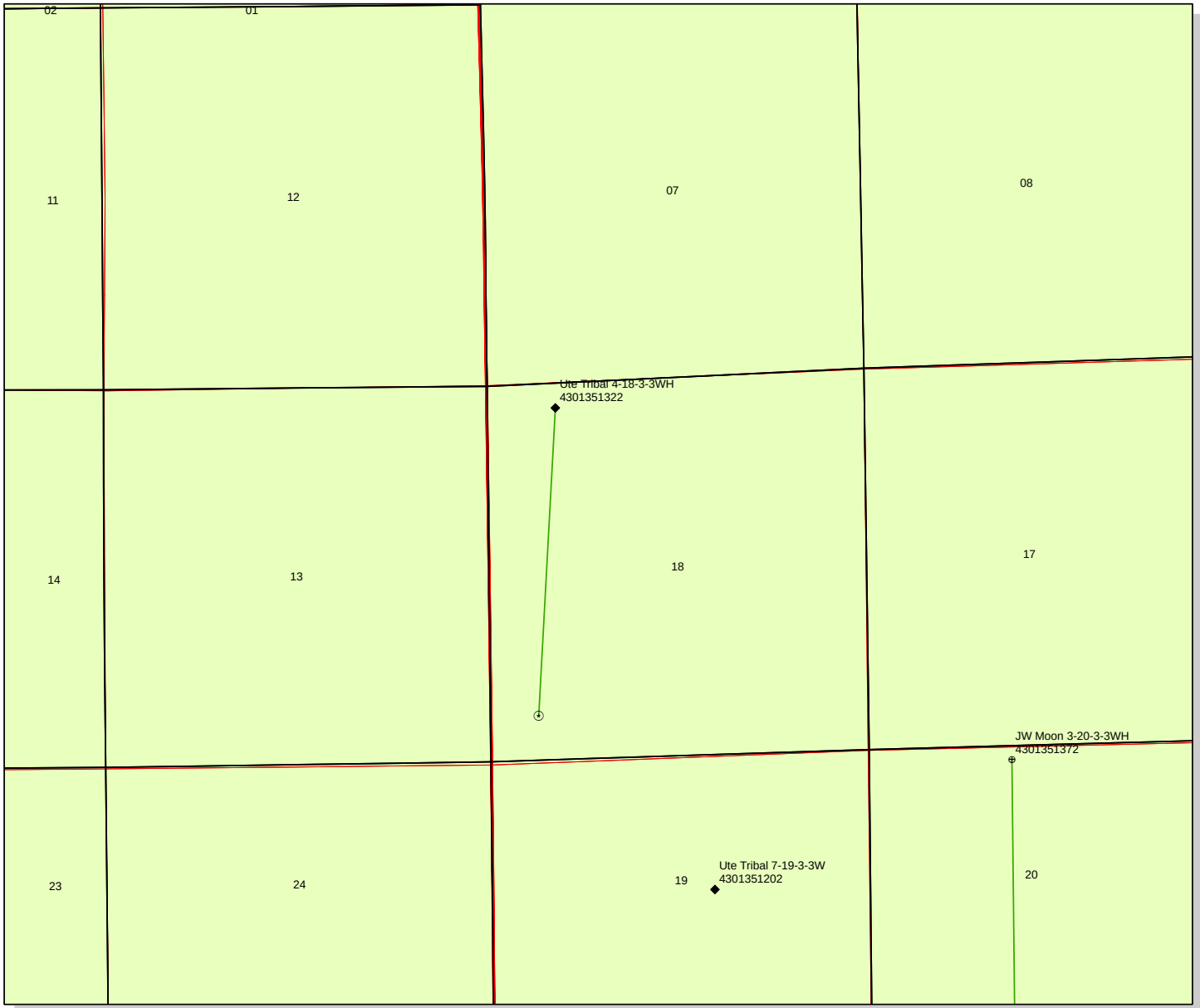
Approved by the Utah Division of Oil, Gas and Mining

Date: June 18, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent
SIGNATURE		**DATE**
N/A		5/30/2012

RECEIVED: May. 30, 2012



API Number: 4301351322

Well Name: Ute Tribal 4-18-3-3WH

Township T0.3 . Range R0.3 . Section 18

Meridian: UBM

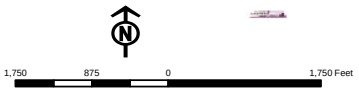
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well



1:17,106

RECEIVED: Jun. 13, 2012

Newfield Production Company
Ute Tribal 4-18-3-3WH
Surface Hole Location: 351' FNL, 949' FWL, Section 18, T3S, R3W
Bottom Hole Location: 660' FSL, 660' FWL, Section 18, T3S, R3W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,934'
Garden Gulch member	6,796'
Wasatch	9,361'
Pilot Hole TD	9,611'
Lateral TD	9,076' TVD / 13,276' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	100'	(water)
Green River	6,796' - 9,076'	(oil)

Note: The pilot hole will be drilled into the Wasatch formation for evaluation and targeting purposes only. The lateral will be drilled in the Green River formation.

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	-- --	-- --	-- --
Surface 9 5/8	0'	2,500'	36	J-55	LTC	8.33	8.33	12	3,520 2.51	2,020 2.54	453,000 5.03
Intermediate 7	0'	9,261' 9,585'	26	P-110	BTC	10	10.5	15	9,960 2.56	6,210 1.50	853,000 3.42
Production 4 1/2	8,690'	9,076' 13,276'	13.5	P-110	BTC	10	10.5	--	12,410 3.26	10,670 2.64	422,000 6.82

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Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	720 / 204	15%	11.0	3.53
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180 / 154	15%	15.8	1.17
Pilot Hole Plug Back	8 3/4	971'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	466 / 376	15%	14.3	1.24
Intermediate Lead	8 3/4	5,796'	Premium Lite II w/ 3% KCl + 10% bentonite	1002 / 284	15%	11.0	3.53
Intermediate Tail	8 3/4	2,789'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	482 / 389	15%	14.3	1.24
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the pilot hole plug back and the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

Interval **Description**

Surface - 2,500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

RECEIVED: May. 30, 2012

2,500'	- TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 10.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.52 psi/ft gradient.

9,076' x 0.52 psi/ft = 4720 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

An 8-3/4" pilot hole will be drilled in order to determine the depth to the lateral target zone.
The pilot hole will be logged, and then plugged back in prepartion for horizontal operations.
Directional tools will then be used to build to 92.86 degrees inclination.
The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat.
A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:

- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

RECEIVED: May. 30, 2012

NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT

UTE TRIBAL 4-18-3-3WH

Plan: Design #2

Standard Survey Report

29 MAY, 2012

RECEIVED: May. 30, 2012

Sundry Number: 26206 API Well Number: 43013513220000

NEWFIELD

Project: DUCHESNE COUNTY, UT
Site: UTE TRIBAL 4-18-3-3WH
Well: UTE TRIBAL 4-18-3-3WH
Wellbore: UTE TRIBAL 4-18-3-3WH
Design: Design #1
Latitude: 40° 13' 38.410 N
Longitude: 110° 16' 17.290 W
GL: 5506.40
KB: WELL @ 5524.40ft (PIONEER 62)

Weatherford

WELL DETAILS: UTE TRIBAL 4-18-3-3WH

Ground Level: 5506.40

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7253889.01	1983423.89	40° 13' 38.410 N	110° 16' 17.290 W	

WELLBORE TARGET DETAILS (LAT/LONG)

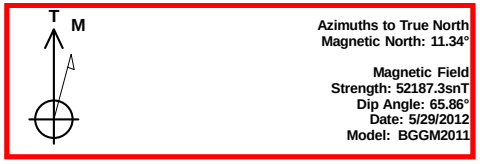
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL UTE TRIBAL 4-18-3-3WH	9076.00	-4205.84	-222.66	40° 12' 56.845 N	110° 16' 20.160 W	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8740.40	0.00	0.00	8740.40	0.00	0.00	0.00	0.00	0.00	Start Build 11.00
9584.55	92.86	195.90	9260.62	-525.91	-149.81	11.00	195.90	533.09	Start DLS 3.00 TFO -89.57
10113.91	92.86	180.00	9234.03	-1047.84	-222.69	3.00	-89.57	1058.15	Start 3161.95 hold at 10113.91 MD
13275.86	92.86	180.00	9076.00	-4205.84	-222.66	0.00	0.00	4211.73	TD at 13275.86

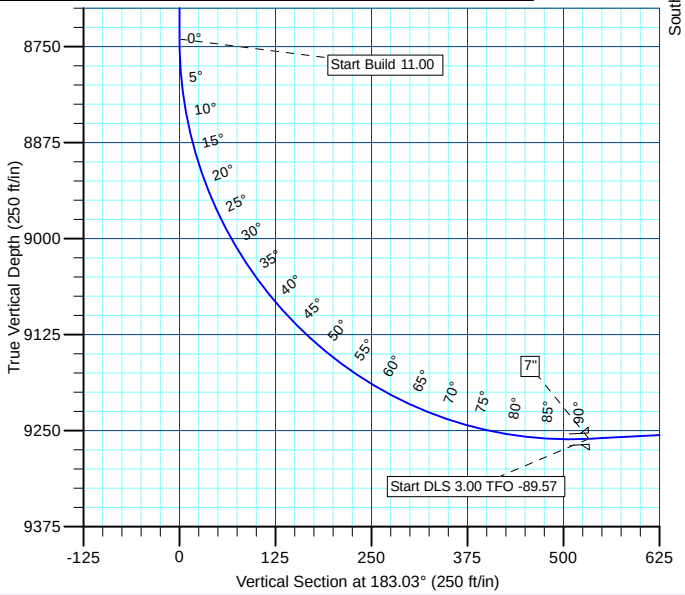
CASING DETAILS

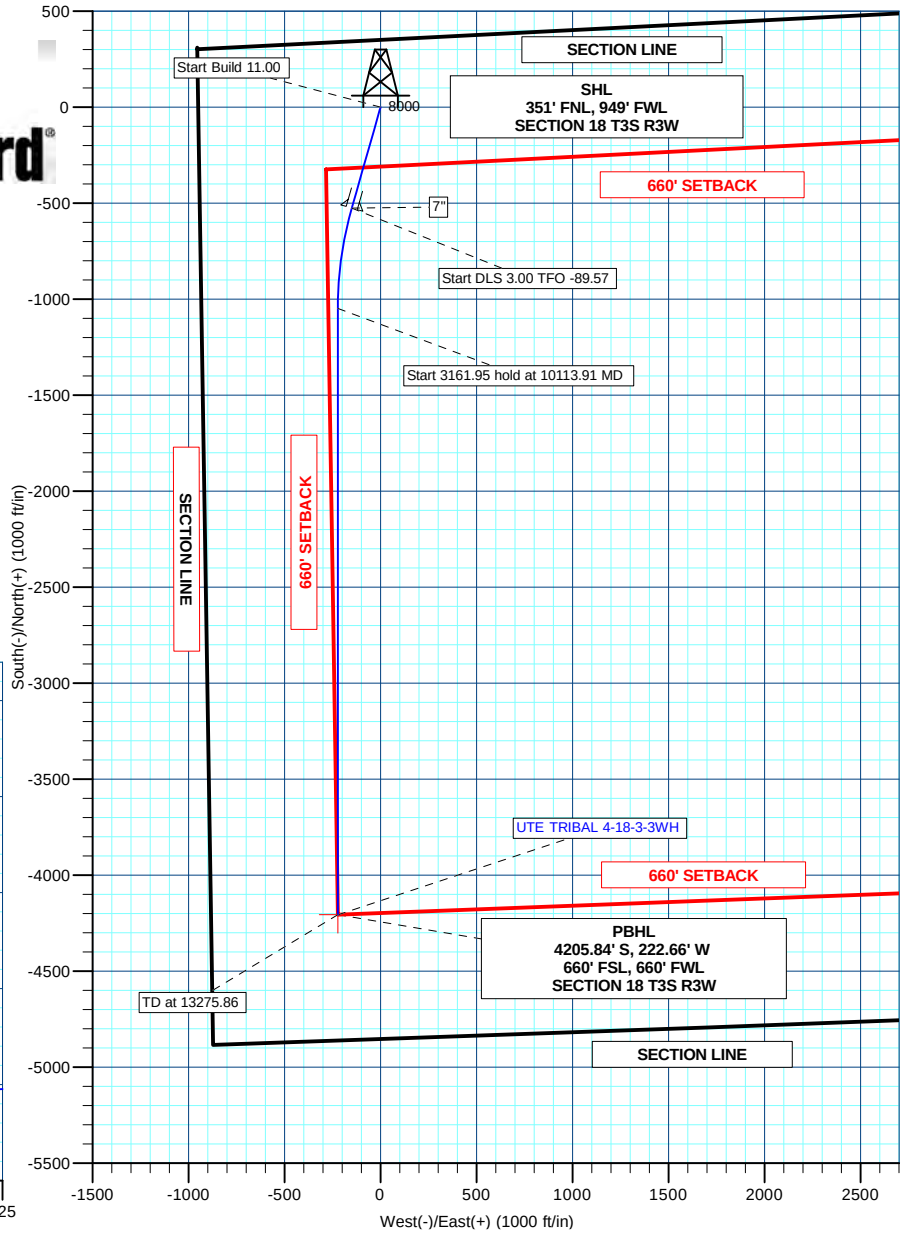
TVD	MD	Name	Size
9260.62	9584.55	7"	7

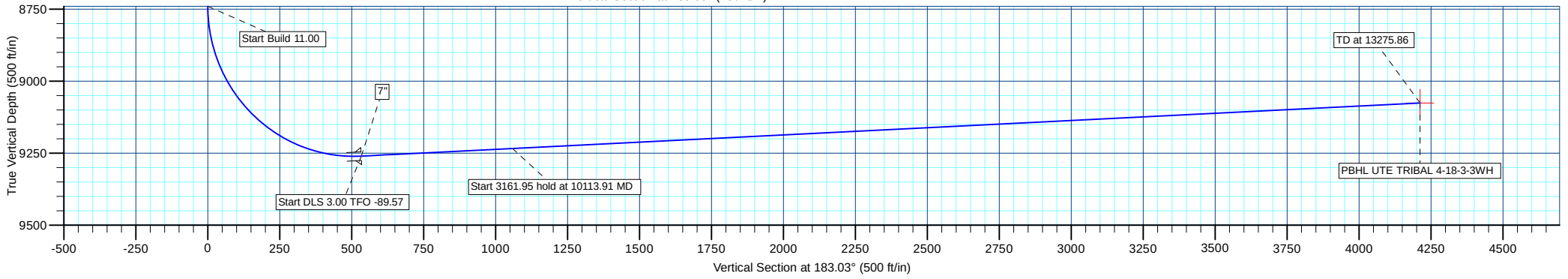


Azimuths to True North
Magnetic North: 11.34°

Magnetic Field
Strength: 52187.3snT
Dip Angle: 65.86°
Date: 5/29/2012
Model: BGGM2011







NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT
UTE TRIBAL 4-18-3-3WH
UTE TRIBAL 4-18-3-3WH

UTE TRIBAL 4-18-3-3WH

Plan: Design #1

Standard Planning Report

29 May, 2012

RECEIVED: May. 30, 2012

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-18-3-3WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5524.40ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5524.40ft (PIONEER 62)
Site:	UTE TRIBAL 4-18-3-3WH	**North Reference:**	True
Well:	UTE TRIBAL 4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	UTE TRIBAL 4-18-3-3WH		
Design:	Design #1		

Project DUCHESNE COUNTY, UT

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site UTE TRIBAL 4-18-3-3WH

Site Position:		**Northing:**	7,253,889.01 ft	**Latitude:**	40° 13' 38.410 N
From:	Lat/Long	**Easting:**	1,983,423.89 ft	**Longitude:**	110° 16' 17.290 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	"	**Grid Convergence:**	0.79 °

Well UTE TRIBAL 4-18-3-3WH

Well Position	**+N/-S**	0.00 ft	**Northing:**	7,253,889.01 ft	**Latitude:**	40° 13' 38.410 N
	+E/-W	0.00 ft	**Easting:**	1,983,423.89 ft	**Longitude:**	110° 16' 17.290 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,506.40 ft

Wellbore UTE TRIBAL 4-18-3-3WH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	5/29/2012	11.34	65.86	52,187

Design Design #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	183.03

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,740.40	0.00	0.00	8,740.40	0.00	0.00	0.00	0.00	0.00	0.00	
9,584.55	92.86	195.90	9,260.62	-525.91	-149.81	11.00	11.00	0.00	195.90	
10,113.91	92.86	180.00	9,234.03	-1,047.84	-222.69	3.00	0.00	-3.00	-89.57	
13,275.86	92.86	180.00	9,076.00	-4,205.84	-222.66	0.00	0.00	0.00	0.00	PBHL UTE TRIBAL

RECEIVED: May. 30, 2012

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-18-3-3WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5524.40ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5524.40ft (PIONEER 62)
Site:	UTE TRIBAL 4-18-3-3WH	**North Reference:**	True
Well:	UTE TRIBAL 4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	UTE TRIBAL 4-18-3-3WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00

RECEIVED: May. 30, 2012

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-18-3-3WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5524.40ft (PIONEER 62)
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Well:	UTE TRIBAL 4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	UTE TRIBAL 4-18-3-3WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 11.00									
8,740.40	0.00	0.00	8,740.40	0.00	0.00	0.00	0.00	0.00	0.00
8,750.00	1.06	195.90	8,750.00	-0.09	-0.02	0.09	11.00	11.00	0.00
8,800.00	6.56	195.90	8,799.87	-3.28	-0.93	3.32	11.00	11.00	0.00
8,850.00	12.06	195.90	8,849.19	-11.05	-3.15	11.20	11.00	11.00	0.00
8,900.00	17.56	195.90	8,897.51	-23.33	-6.65	23.65	11.00	11.00	0.00
8,950.00	23.06	195.90	8,944.39	-40.01	-11.40	40.56	11.00	11.00	0.00
9,000.00	28.56	195.90	8,989.39	-60.94	-17.36	61.77	11.00	11.00	0.00
9,050.00	34.06	195.90	9,032.09	-85.92	-24.47	87.09	11.00	11.00	0.00
9,100.00	39.56	195.90	9,072.11	-114.71	-32.68	116.28	11.00	11.00	0.00
9,150.00	45.06	195.90	9,109.07	-147.07	-41.89	149.08	11.00	11.00	0.00
9,200.00	50.56	195.90	9,142.64	-182.68	-52.04	185.18	11.00	11.00	0.00
9,250.00	56.06	195.90	9,172.51	-221.22	-63.02	224.25	11.00	11.00	0.00
9,300.00	61.56	195.90	9,198.39	-262.34	-74.73	265.93	11.00	11.00	0.00
9,350.00	67.06	195.90	9,220.06	-305.66	-87.07	309.83	11.00	11.00	0.00
9,400.00	72.56	195.90	9,237.32	-350.77	-99.92	355.56	11.00	11.00	0.00
9,450.00	78.06	195.90	9,249.99	-397.27	-113.17	402.70	11.00	11.00	0.00
9,500.00	83.56	195.90	9,257.98	-444.72	-126.68	450.80	11.00	11.00	0.00
9,550.00	89.06	195.90	9,261.20	-492.69	-140.35	499.42	11.00	11.00	0.00

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NEWFIELD

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Planning Report

Weatherford

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Well:	UTE TRIBAL 4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	UTE TRIBAL 4-18-3-3WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Start DLS 3.00 TFO -89.57 - 7"									
9,584.55	92.86	195.90	9,260.62	-525.91	-149.81	533.09	11.00	11.00	0.00
9,600.00	92.86	195.44	9,259.85	-540.76	-153.98	548.15	3.00	0.02	-3.00
9,700.00	92.88	192.43	9,254.85	-637.69	-178.02	646.21	3.00	0.02	-3.00
9,800.00	92.89	189.43	9,249.82	-735.74	-196.96	745.12	3.00	0.01	-3.00
9,900.00	92.89	186.42	9,244.78	-834.65	-210.73	844.62	3.00	0.00	-3.00
10,000.00	92.88	183.42	9,239.75	-934.14	-219.30	944.43	3.00	-0.01	-3.00
10,100.00	92.87	180.42	9,234.73	-1,033.95	-222.64	1,044.27	3.00	-0.01	-3.00
Start 3161.95 hold at 10113.91 MD									
10,113.91	92.86	180.00	9,234.03	-1,047.84	-222.69	1,058.15	3.00	-0.02	-3.00
10,200.00	92.86	180.00	9,229.73	-1,133.82	-222.69	1,144.01	0.00	0.00	0.00
10,300.00	92.86	180.00	9,224.73	-1,233.70	-222.69	1,243.74	0.00	0.00	0.00
10,400.00	92.86	180.00	9,219.74	-1,333.57	-222.69	1,343.48	0.00	0.00	0.00
10,500.00	92.86	180.00	9,214.74	-1,433.45	-222.69	1,443.21	0.00	0.00	0.00
10,600.00	92.86	180.00	9,209.74	-1,533.32	-222.69	1,542.95	0.00	0.00	0.00
10,700.00	92.86	180.00	9,204.74	-1,633.20	-222.69	1,642.68	0.00	0.00	0.00
10,800.00	92.86	180.00	9,199.74	-1,733.07	-222.69	1,742.42	0.00	0.00	0.00
10,900.00	92.86	180.00	9,194.75	-1,832.95	-222.69	1,842.16	0.00	0.00	0.00
11,000.00	92.86	180.00	9,189.75	-1,932.82	-222.69	1,941.89	0.00	0.00	0.00
11,100.00	92.86	180.00	9,184.75	-2,032.70	-222.68	2,041.63	0.00	0.00	0.00
11,200.00	92.86	180.00	9,179.75	-2,132.57	-222.68	2,141.36	0.00	0.00	0.00
11,300.00	92.86	180.00	9,174.75	-2,232.45	-222.68	2,241.10	0.00	0.00	0.00
11,400.00	92.86	180.00	9,169.76	-2,332.32	-222.68	2,340.83	0.00	0.00	0.00
11,500.00	92.86	180.00	9,164.76	-2,432.20	-222.68	2,440.57	0.00	0.00	0.00
11,600.00	92.86	180.00	9,159.76	-2,532.07	-222.68	2,540.30	0.00	0.00	0.00
11,700.00	92.86	180.00	9,154.76	-2,631.95	-222.68	2,640.04	0.00	0.00	0.00
11,800.00	92.86	180.00	9,149.76	-2,731.82	-222.68	2,739.77	0.00	0.00	0.00
11,900.00	92.86	180.00	9,144.77	-2,831.70	-222.68	2,839.51	0.00	0.00	0.00
12,000.00	92.86	180.00	9,139.77	-2,931.57	-222.68	2,939.24	0.00	0.00	0.00
12,100.00	92.86	180.00	9,134.77	-3,031.45	-222.67	3,038.98	0.00	0.00	0.00
12,200.00	92.86	180.00	9,129.77	-3,131.32	-222.67	3,138.71	0.00	0.00	0.00
12,300.00	92.86	180.00	9,124.77	-3,231.20	-222.67	3,238.45	0.00	0.00	0.00
12,400.00	92.86	180.00	9,119.78	-3,331.07	-222.67	3,338.19	0.00	0.00	0.00
12,500.00	92.86	180.00	9,114.78	-3,430.95	-222.67	3,437.92	0.00	0.00	0.00
12,600.00	92.86	180.00	9,109.78	-3,530.82	-222.67	3,537.66	0.00	0.00	0.00
12,700.00	92.86	180.00	9,104.78	-3,630.70	-222.67	3,637.39	0.00	0.00	0.00
12,800.00	92.86	180.00	9,099.78	-3,730.57	-222.67	3,737.13	0.00	0.00	0.00
12,900.00	92.86	180.00	9,094.79	-3,830.45	-222.67	3,836.86	0.00	0.00	0.00
13,000.00	92.86	180.00	9,089.79	-3,930.32	-222.66	3,936.60	0.00	0.00	0.00
13,100.00	92.86	180.00	9,084.79	-4,030.20	-222.66	4,036.33	0.00	0.00	0.00
13,200.00	92.86	180.00	9,079.79	-4,130.07	-222.66	4,136.07	0.00	0.00	0.00
TD at 13275.86 - PBHL UTE TRIBAL 4-18-3-3WH									
13,275.86	92.86	180.00	9,076.00	-4,205.84	-222.66	4,211.73	0.00	0.00	0.00

RECEIVED: May. 30, 2012

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-18-3-3WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5524.40ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5524.40ft (PIONEER 62)
Site:	UTE TRIBAL 4-18-3-3WH	**North Reference:**	True
Well:	UTE TRIBAL 4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	UTE TRIBAL 4-18-3-3WH		
Design:	Design #1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL UTE TRIBAL 4- - plan hits target center - Point	0.00	0.00	9,076.00	-4,205.84	-222.66	7,249,680.52	1,983,259.02	40° 12' 56.845 N	110° 16' 20.160 W

Casing Points

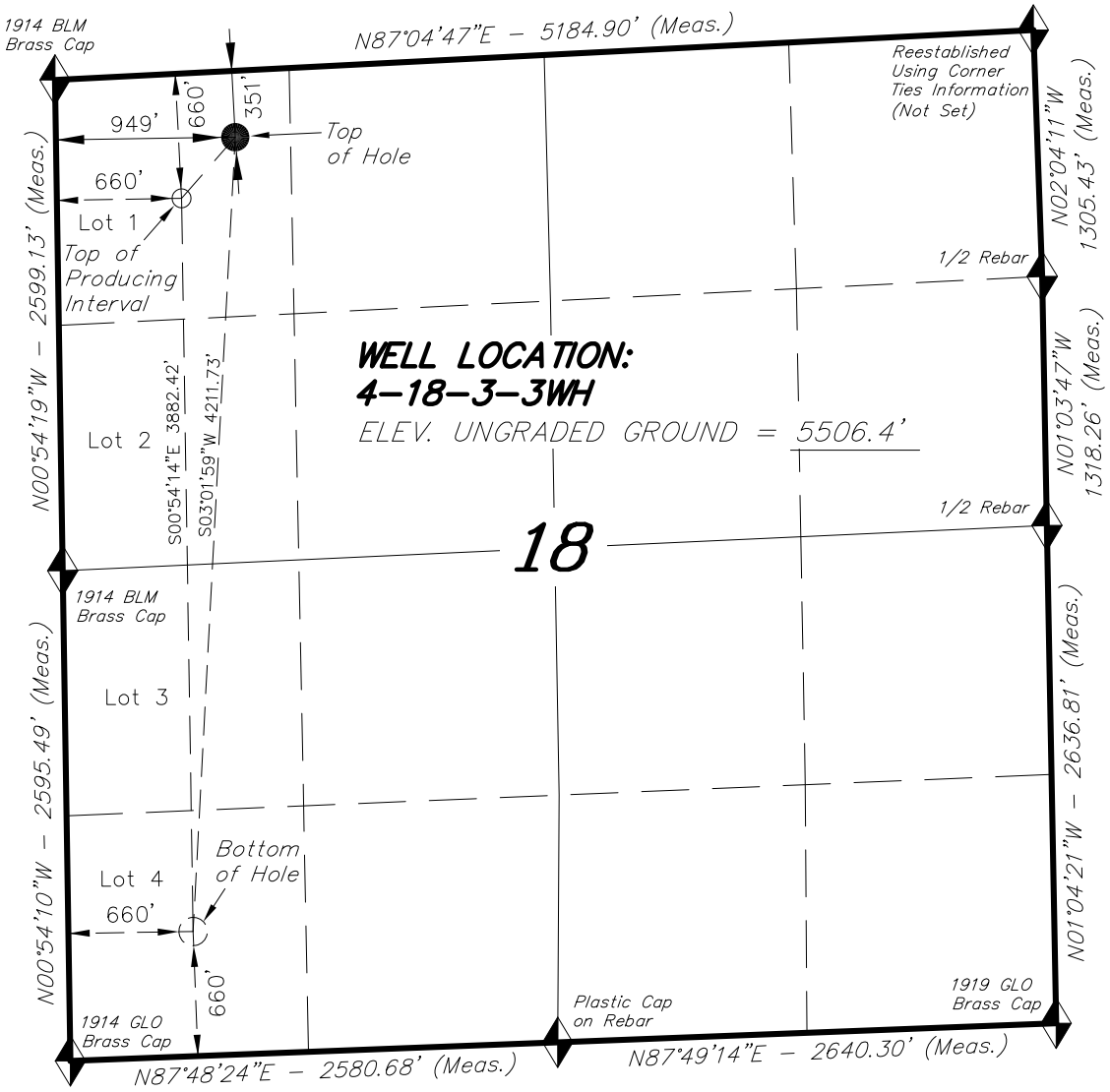
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
9,584.55	9,260.62	7"	7	8-3/4

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
8,740.40	8,740.40	0.00	0.00	Start Build 11.00
9,584.55	9,260.62	-525.91	-149.81	Start DLS 3.00 TFO -89.57
10,113.91	9,234.03	-1,047.84	-222.69	Start 3161.95 hold at 10113.91 MD
13,275.86	9,076.00	-4,205.84	-222.66	TD at 13275.86

RECEIVED: May. 30, 2012

T3S, R3W, U.S.B.&M.



◆ = SECTION CORNERS LOCATED

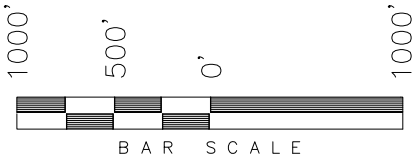
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

4-18-3-3WH
(Surface Location) NAD 83
LATITUDE = 40° 13' 38.41"
LONGITUDE = 110° 16' 17.29"

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 4-18-3-3WH, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 (LOT 1) OF SECTION 18, T3S, R3W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, 4-18-3-3WH, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 (LOT 4) OF SECTION 18, T3S, R3W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:
1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Top of Producing Interval bears S41°15'21"W 430.83' from the Top of Hole.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No.189377 04-23-12 STACY W. STEWART STATE OF UTAH

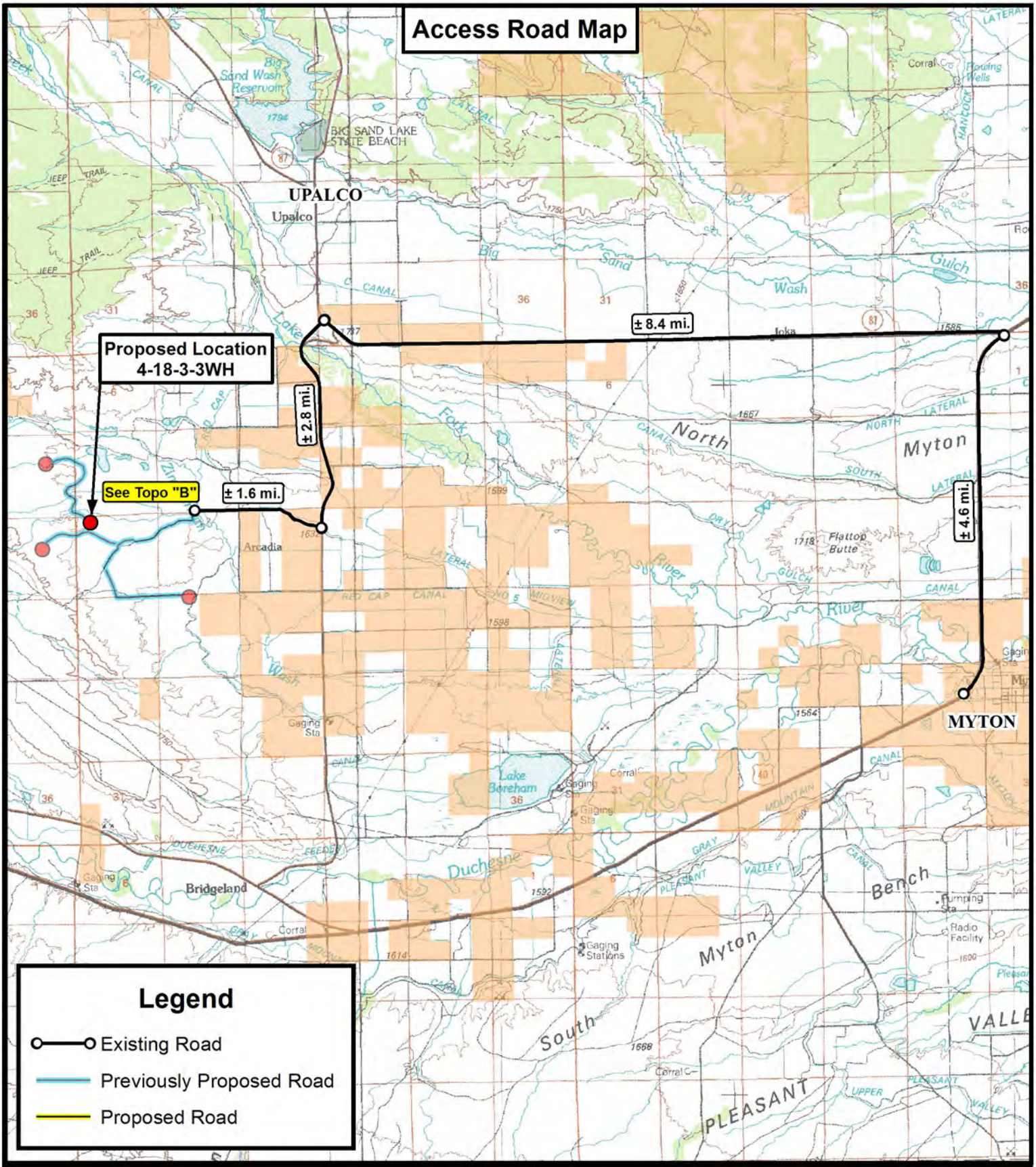
REGISTERED LAND SURVEYOR
REGISTRATION No. [illegible]
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 04-17-12	SURVEYED BY: W.H.	VERSION:
DATE DRAWN: 11-29-12	DRAWN BY: F.T.M.	V3
REVISED: 04-23-12 R.B.T.	SCALE: 1" = 1000'	

RECEIVED: May. 30, 2012



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

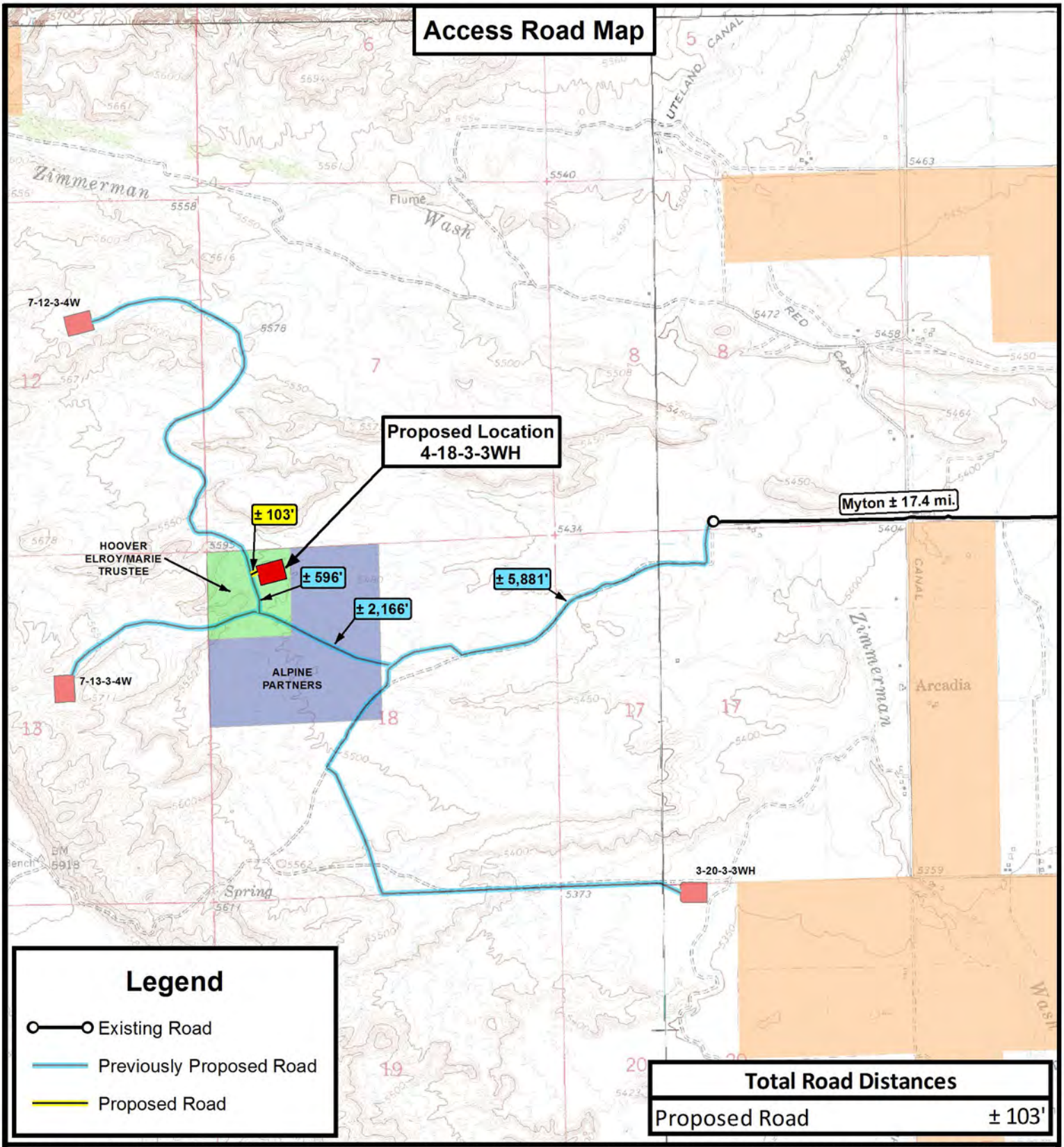
NEWFIELD EXPLORATION COMPANY

4-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	04-23-12 D.C.R.	VERSION:
DATE:	11-30-2011			V3
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET A



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

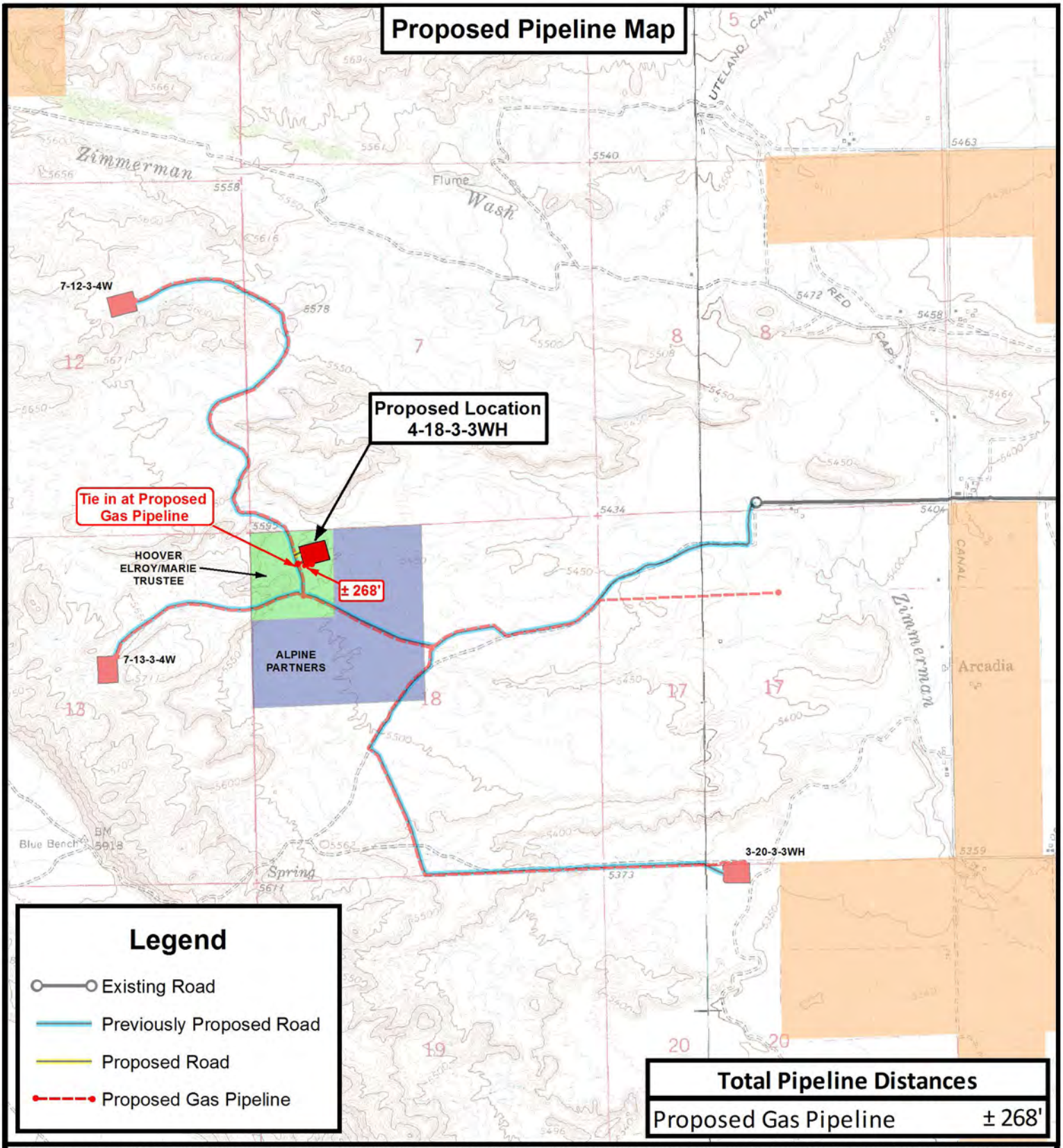
N

NEWFIELD EXPLORATION COMPANY
4-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	04-23-12 D.C.R.	VERSION:
DATE:	11-30-2011			V3
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET B



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Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

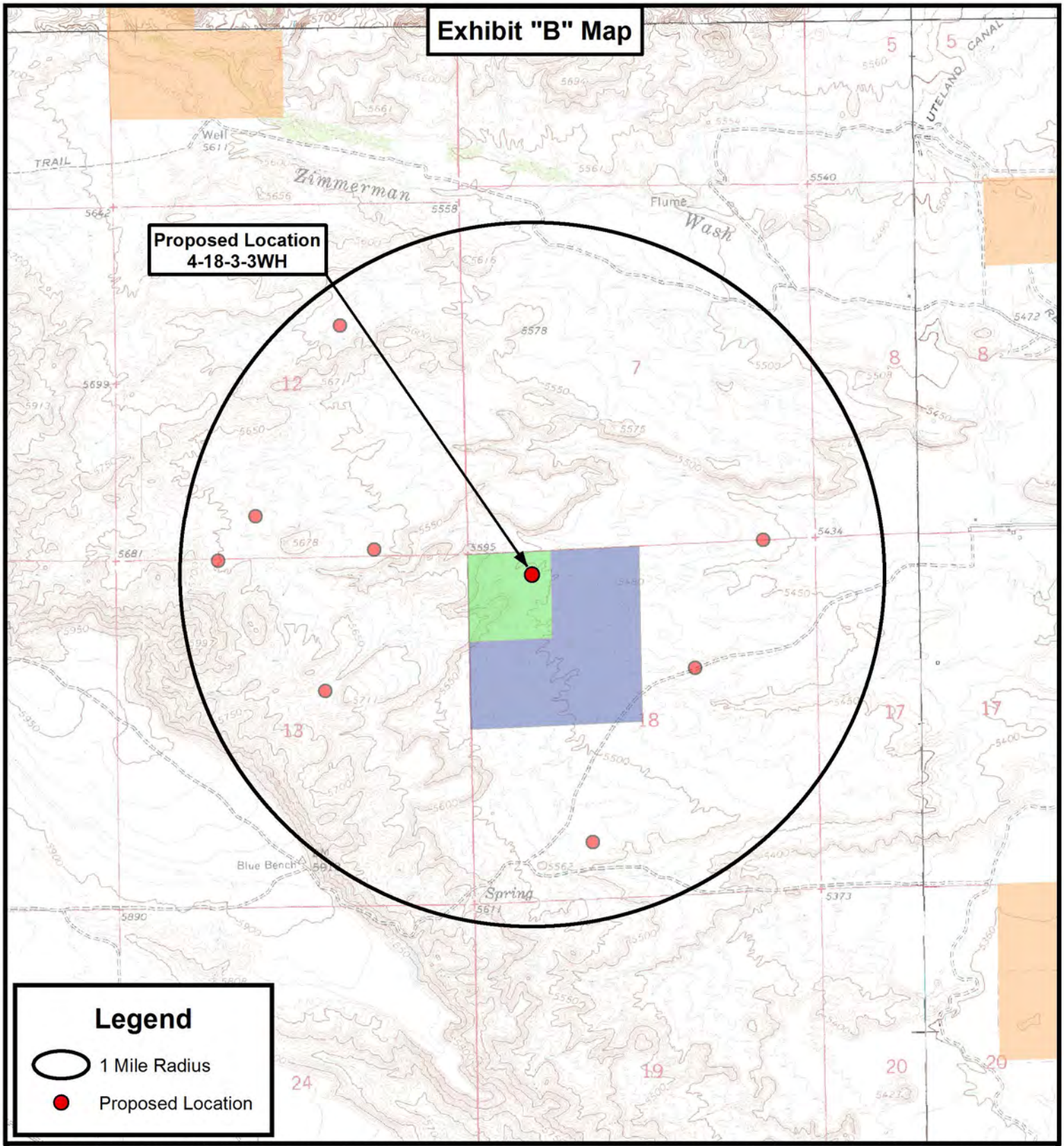
N

NEWFIELD EXPLORATION COMPANY
4-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 04-23-12 D.C.R.	VERSION:
DATE:	11-30-2011		V3
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C



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Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

4-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	04-23-12 D.C.R.	VERSION:
DATE:	11-30-2011			V3
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET D

AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

Christian C. Sizemore personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Christian C. Sizemore. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").

2. Newfield is the Operator of the proposed Ute Tribal 4-18-3-3WH well to be located in the NWNW of Section 18, Township 3 South, Range 3 West, Duchesne, County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Elroy T. Hoover and Marie Hoover Trusts 1997, whose address is 2274 Sirius St, Thousand Oaks, CA 91360 ("Surface Owner").

3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated December 14, 2011 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

Christian C. Sizemore, Landman

ACKNOWLEDGEMENT

STATE OF COLORADO §
§
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 15th day of December, 2011, personally appeared Christian C. Sizemore, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires:

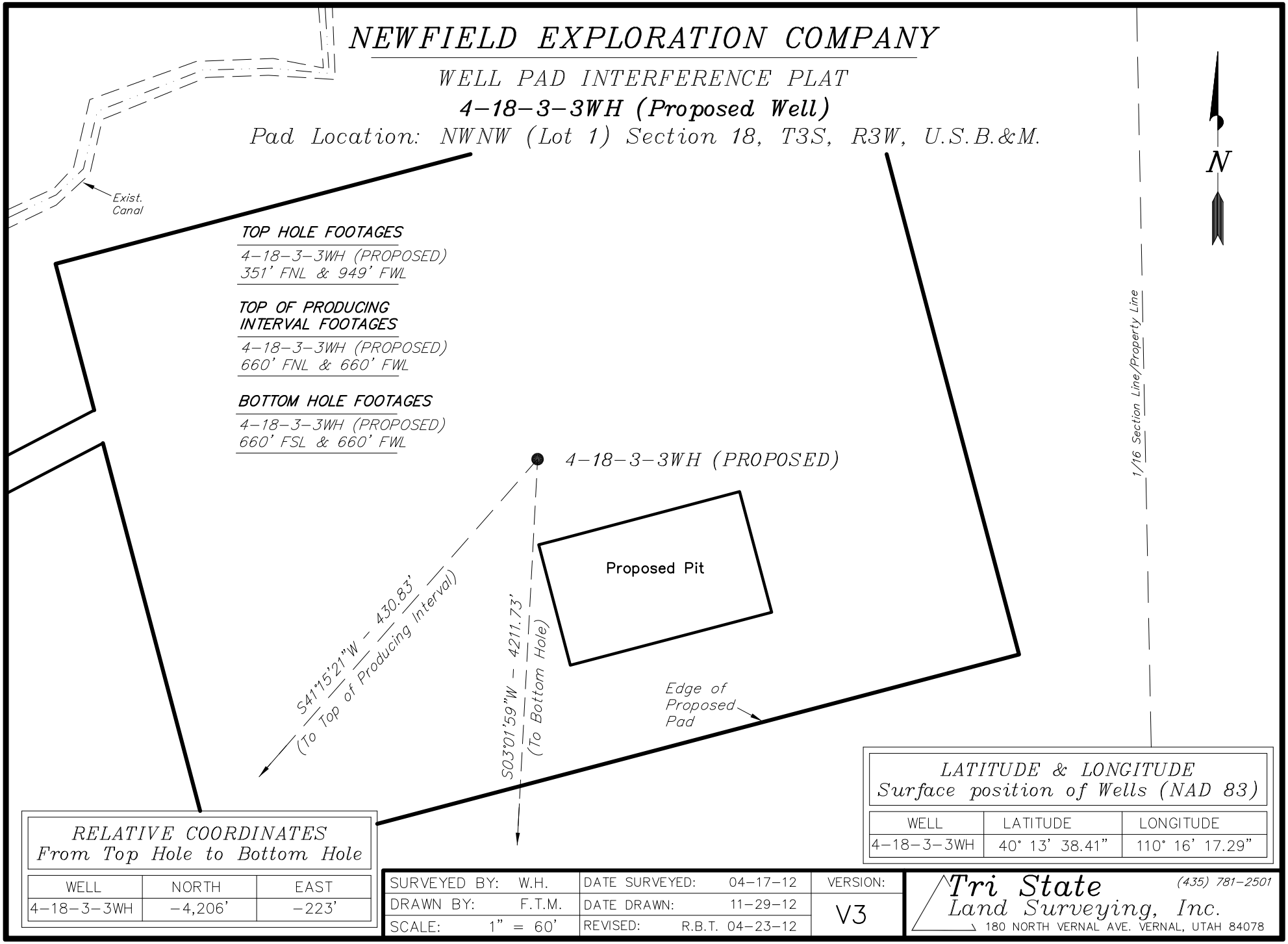
PETER BURNS
NOTARY PUBLIC
STATE OF COLORADO
My Commission Expires 8/09/2015

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

4-18-3-3WH (Proposed Well)

Pad Location: NWNW (Lot 1) Section 18, T3S, R3W, U.S.B.&M.



RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
4-18-3-3WH	-4,206'	-223'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
4-18-3-3WH	40° 13' 38.41"	110° 16' 17.29"

SURVEYED BY: W.H.	DATE SURVEYED: 04-17-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-29-12	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: R.B.T. 04-23-12		

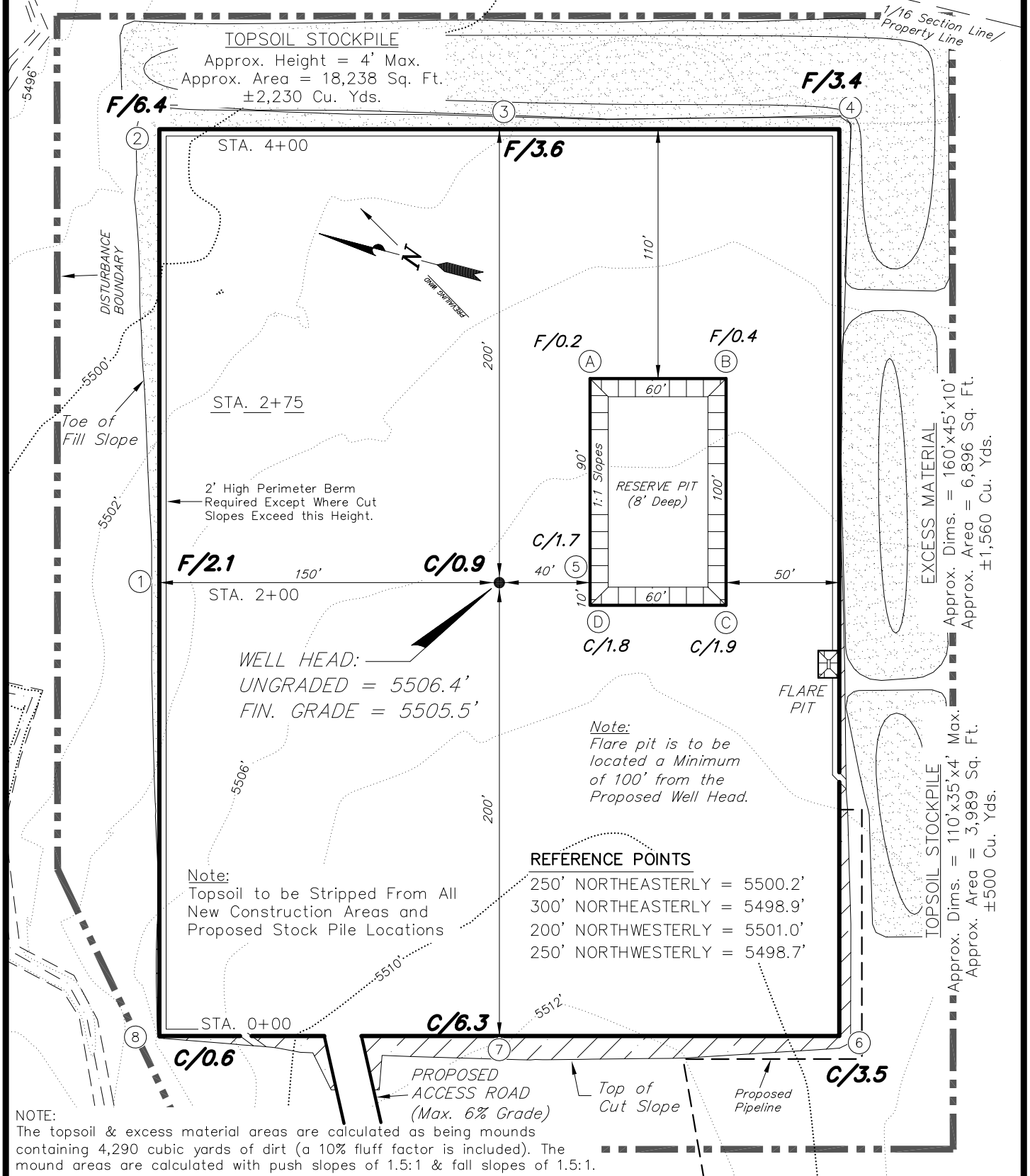
RECEIVED: May. 30, 2012

NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

4-18-3-3WH

Pad Location: NWNW (Lot 1) Section 18, T3S, R3W, U.S.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 4,290 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: W.H.	DATE SURVEYED: 04-17-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-29-12	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: R.B.T. 04-23-12		

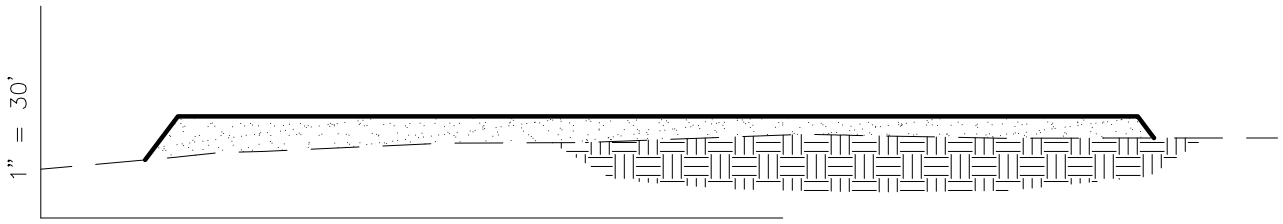
RECEIVED: May. 30, 2012

NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

4-18-3-3WH

Pad Location: NWNW (Lot 1) Section 18, T3S, R3W, U.S.B.&M.

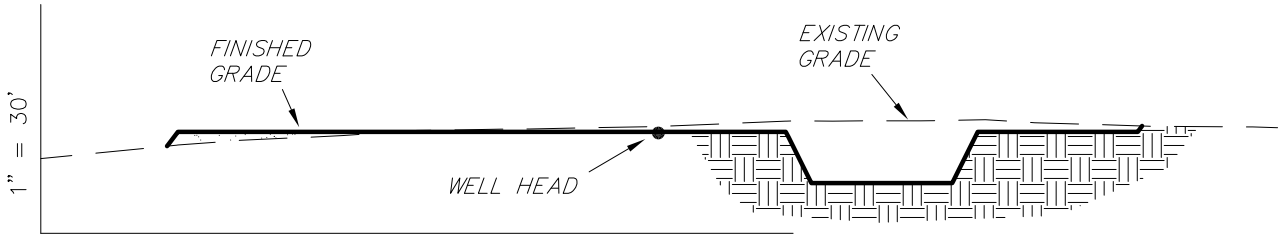


1" = 60'

STA. 4+00

1" = 60'

STA. 2+75



1" = 60'

STA. 2+00

1" = 60'

STA. 0+00

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	5,510	5,510	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
TOTALS	6,930	5,510	2,480	1,420

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

SURVEYED BY: W.H.	DATE SURVEYED: 04-17-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-29-12	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: R.B.T. 04-23-12		

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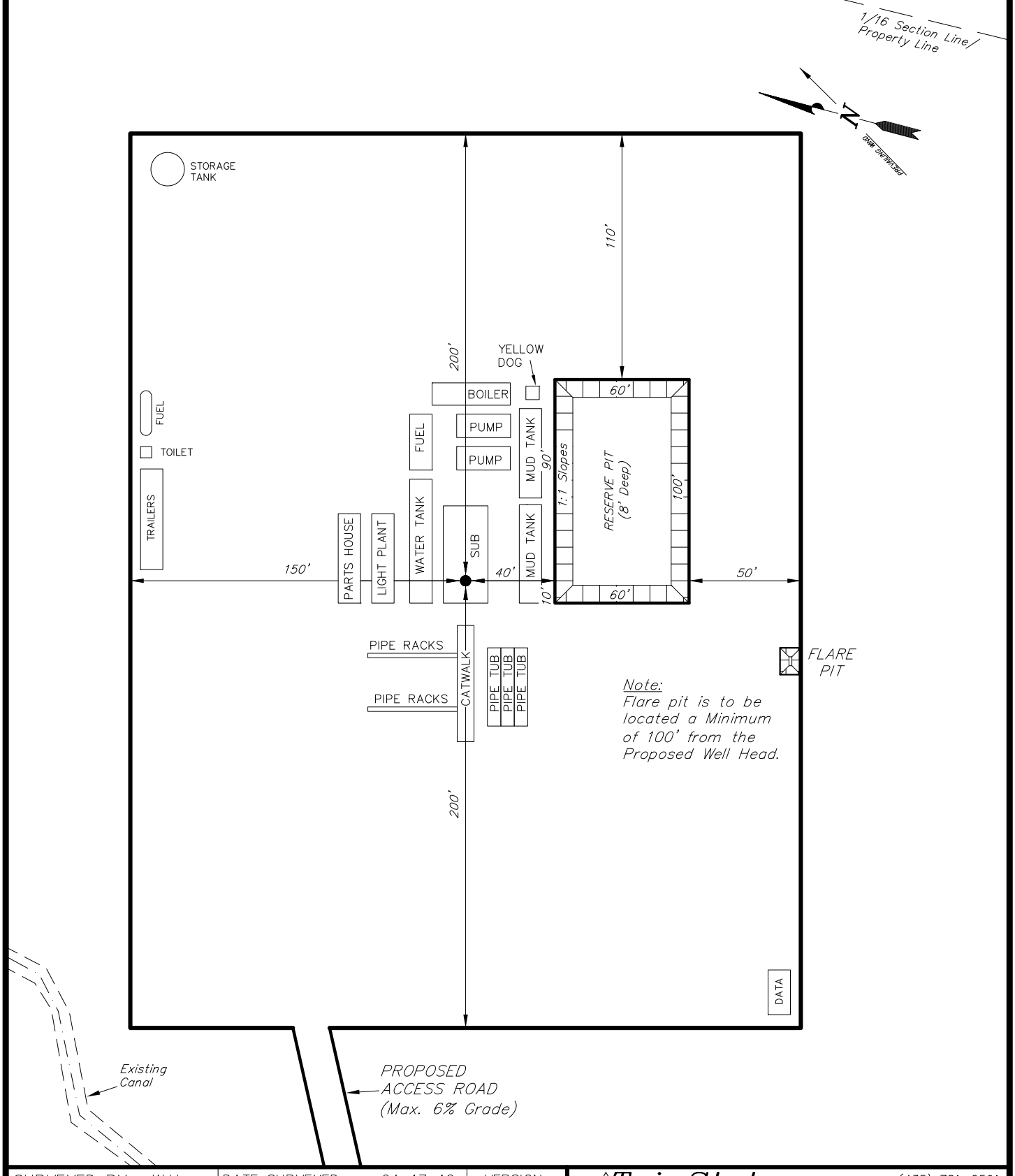
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

4-18-3-3WH

Pad Location: NWNW (Lot 1) Section 18, T3S, R3W, U.S.B.&M.



SURVEYED BY: W.H.	DATE SURVEYED: 04-17-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-29-12	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: R.B.T. 04-23-12		

RECEIVED: May. 30, 2012

NEWFIELD PRODUCTION COMPANY
Ute Tribal 4-18-3-3WH
Lot 1 (NW NW), SECTION 18, T3S, R3W, USB&M
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ute Tribal 4-18-3-3W proceed north from Myton, Utah on UDOT maintained Highway 40 for approximately 4.6 miles, turn left and travel west 8.4 miles along UDOT maintained SR-87 (Ioka Highway), turn left and proceed 2.8 miles along Duchesne County maintain 12000 West, turn right and proceed 1.6 miles on 5000 South, to an existing access road trending south where the planned access road begins.

Existing native surface roads in the area range from clays to a sandy-clay shale material.

Access roads will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for road surfacing and snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

Approximately 103 feet of new access road trending northeast is planned from the proposed Ute Tribal 7-18-3-4W access road. The proposed Ute Tribal 7-18-3-4W access road continues an additional 8,643 feet (1.6 miles) to the existing Duchesne County maintained 5000 South access road. The planned access consists of new disturbance and existing two track upgrade. See attached Topographic Map “B”.

The proposed access road will consist of a 20 foot wide travel surface. The maximum grade will be 10% or less.

No culverts or low-water crossings are anticipated. Adequate drainage structures, where necessary, would be incorporated into the remainder of the road to prevent soil erosion and accommodate all-weather traffic.

No cattleguards are anticipated at this time.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit “B”.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be utilized.

It is anticipated that this well will be a producing oil well.

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Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to Federal specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the well site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (100' x 60' x 8' deep, or less) will be constructed inboard of the pad area. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be installed.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

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8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to Ute Tribal specifications.

10. PLANS FOR RESTORATION OF SURFACE:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

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11. ***SURFACE OWNERSHIP***

Elroy T. and Marie Hoover (Gerald Hoover – 818-575-2226) – surface use agreement is attached.
2274 Sirius St, Thousand Oaks, California 91360

12. ***OTHER ADDITIONAL INFORMATION***

Montgomery Archeological Consultants, Inc. has conducted a Class III archeological clearance. The reports have been submitted under separate cover by Montgomery Archeological Consultants, Inc.. The cover pages of the reports have been attached to this submittal for reference.

SWCA Environmental Consultants, Inc. has conducted a paleontological clearance. The reports have been submitted under separate cover by SWCA Environmental Consultants, Inc.. The cover pages of the reports have been attached to this submittal for reference.

Outlaw Engineering, Inc. has conducted a Biological Assessment Report. The reports have been submitted under separate cover by Outlaw Engineering, Inc.. The cover page of the report has been attached to this submittal for reference.

Newfield Production Company proposes 103 feet of planned access road and 268 feet of planned pipeline corridor entirely on private surface. See attached Topographic Map "B" and "C".

It is proposed that the disturbed area will be 60 feet wide to allow for construction of the proposed access road, a 10-inch or smaller gas gathering line, a 4-inch poly fuel gas line, a buried 10-inch steel water injection line, a buried 3-inch poly water return line, and a and a 14-inch surface flow line. The planned access road will consist of a 20-foot permanent running surface crowned and ditched in order to handle any run-off from any precipitation events.

Both the proposed surface gas and buried water lines will tie in to the existing pipeline infrastructure. The proposed water pipelines will be buried in a 4-5-foot deep trench constructed with a trencher or backhoe for the length of the proposal. The construction phase of the planned access road, proposed gas lines and proposed water lines will last approximately (10) days.

Surface Flow Line
The Surface Flow Line will consist of up to a 14-inch bundled pipe consisting of two-2-inch poly glycol lines and one-3-inch production line. For all new wells, Newfield. for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

Installation: Lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country, travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of four (4) inches deep, the soil will be deemed too wet to adequately support the equipment.

Termination and Final Reclamation: After abandonment of the associated production facilities, the flow lines will be cut and removed, and any incidental surface disturbance reclaimed. Reclamation procedures will follow those outlined in the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

RECEIVED: May. 30, 2012

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Ute Tribal 9-4-4-1E, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Ute Tribal 9-4-4-1E, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office as well as the Ute Tribe Energy and Mineral Department shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:

Representative
Name: Tim Eaton

Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

RECEIVED: May. 30, 2012

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exists; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under Newfield Exploration Company's BIA bond (RLB 00100473). These statements are subject to the provisions of 18 U.S.C. 1001 for the fling of false statements.

Executed this 30th day of May, 2012.

_____

Don Hamilton - Agent
Star Point Enterprises, Inc.
2580 Creekview Road,
Moab, Utah 84532
starpoint@etv.net
435-719-2018 (office)

RECEIVED: May. 30, 2012

Form 3160-3
(August 2007)

RECEIVED

APR 10 2012

BLM

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

CONFIDENTIAL

1a. Type of Work: ☒ DRILL ☐ REENTER	5. Lease Serial No. 1420H626388
	6. If Indian, Allottee or Tribe Name UINTAH AND OURAY
	7. If Unit or CA Agreement, Name and No.
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone	8. Lease Name and Well No. UTE TRIBAL 4-18-3-3WH
2. Name of Operator NEWFIELD EXPLORATION COMPANY Contact: MANDIE CROZIER Email: mcrozier@newfield.com	9. API Well No. 43-013-51322
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052 3b. Phone No. (include area code) Ph: 435-646-4825 Fx: 435-646-3031	10. Field and Pool, or Exploratory UNDESIGNATED
4. Location of Well *(Report location clearly and in accordance with any State requirements.*)* At surface Lot 1 351FNL 949FWL 40.227789 N Lat, 110.271331 W Lon At proposed prod. zone Lot 4 660FSL 660FWL	11. Sec., T., R., M., or Blk. and Survey or Area Sec 18 T3S R3W Mer UBM SME: FEE
14. Distance in miles and direction from nearest town or post office* 13.0	12. County or Parish DUCHESNE 13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 188'	16. No. of Acres in Lease 19034.57 17. Spacing Unit dedicated to this well 40.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1435'	19. Proposed Depth 13276 MD 9076 TVD 20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KB, RT, GL, etc. 5502 GL	22. Approximate date work will start 07/01/2012 23. Estimated duration 7 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZIER Ph: 435-646-4825	Date 04/11/2012
Title REGULATORY ANALYST		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date SEP 24 2012
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached. CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #135122 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE ROBINSON on 04/11/2012 (12LBR0325AE)

NOTICE OF APPROVAL

RECEIVED
OCT 09 2012
DIV. OF OIL, GAS & MINING

UDOGM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**Lot 1, Sec. 18, T3S, R3W**
Well No:	**Ute Tribal 4-18-3-3WH**	**Lease No:**	**14-20-H62-6388**
API No:	**43-013-51322**	**Agreement:**	**N/A**

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to:blm_ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

CONDITIONS OF APPROVAL:

- **The ditch at location Ute Tribal 4-24-3-2WH will be diverted.**
- **Location Ute Tribal 7-19-3-3W will need a diversion on the west side to reroute water to the south.**
- **A drainage diversion will be constructed on the western side by corner 2 of proposed location Ute Tribal 6-29-3-3W.**

Wildlife

- **Burrowing owls must be fledged at location 1-2-4-3WH before construction or drilling.**

Standard Operating Procedures:

- After cessation of drilling and completion operations, any visible or measurable layer of oil must be removed from the surface of the reserve pit and the pit kept free of oil.
- Pits must be free of oil and other liquid and solid wastes prior to filling. Pit liners must not be breached (cut) or filled (squeezed) while still containing fluids. The pit liner must be removed to the solids level or treated to prevent its reemergence to the surface or its interference with long-term successful revegetation.
- Reclamation will be completed in accordance with the recontouring and reseeding procedures outlined in the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM, unless otherwise specified by the private surface owner.
- The surface conditions as set forth by the owners and/or agencies.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Gamma Ray Log shall be run from Total Depth to Surface.
- Surface casing cement will be circulated to surface.

Variances Granted
Air Drilling

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

- No aggressive/fresh hard-banded drill pipe shall be used within casing.

- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to BLM_UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Sundry Number: 31358 API Well Number: 43013513220000

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 1420H626388

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
UTE TRIBAL 4-18-3-3WH

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013513220000

3. ADDRESS OF OPERATOR:
Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0188 FNL 0988 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNW Section: 18 Township: 03.0S Range: 03.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/1/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Production Company respectfully requests approval to relocate the reserve pit to corner 4 of the pad area and increase the reserve pit size from 100 feet by 60 feet by 8 feet deep to 120 feet by 60 feet by 8 feet deep. All other aspects of the pad area remain unchanged. Attached please find updated portions of the plat package that have changed following APD approval.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 05, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent
SIGNATURE		**DATE**
N/A		10/26/2012

RECEIVED: Oct. 26, 2012

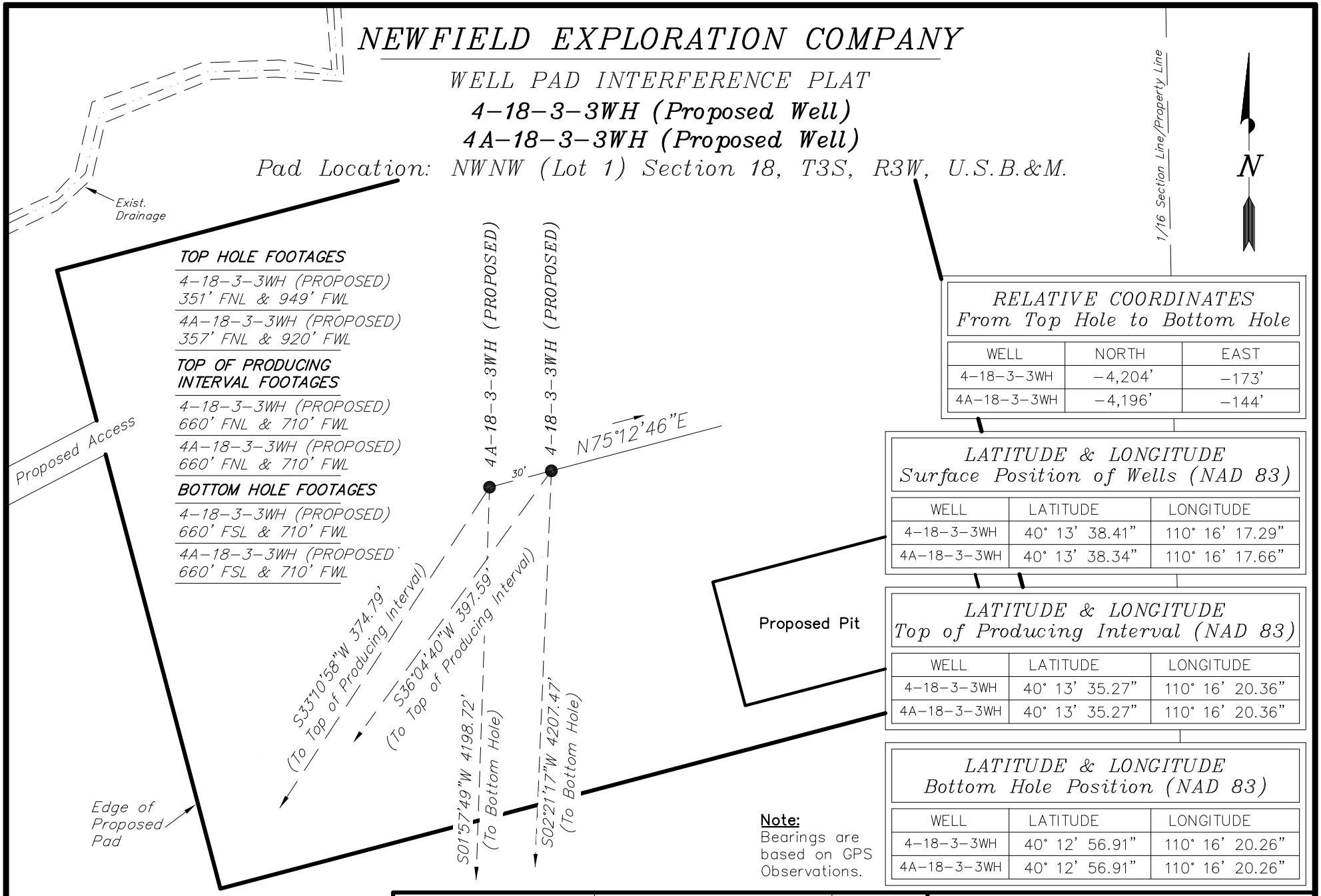
NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

4-18-3-3WH (Proposed Well)

4A-18-3-3WH (Proposed Well)

Pad Location: NWNW (Lot 1) Section 18, T3S, R3W, U.S.B.&M.



Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
4-18-3-3WH	-4,204'	-173'
4A-18-3-3WH	-4,196'	-144'

LATITUDE & LONGITUDE
Surface Position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
4-18-3-3WH	40° 13' 38.41"	110° 16' 17.29"
4A-18-3-3WH	40° 13' 38.34"	110° 16' 17.66"

LATITUDE & LONGITUDE
Top of Producing Interval (NAD 83)

WELL	LATITUDE	LONGITUDE
4-18-3-3WH	40° 13' 35.27"	110° 16' 20.36"
4A-18-3-3WH	40° 13' 35.27"	110° 16' 20.36"

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
4-18-3-3WH	40° 12' 56.91"	110° 16' 20.26"
4A-18-3-3WH	40° 12' 56.91"	110° 16' 20.26"

SURVEYED BY: S.H.	DATE SURVEYED: 11-20-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-30-11	V8	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: R.V.C. 09-28-12		

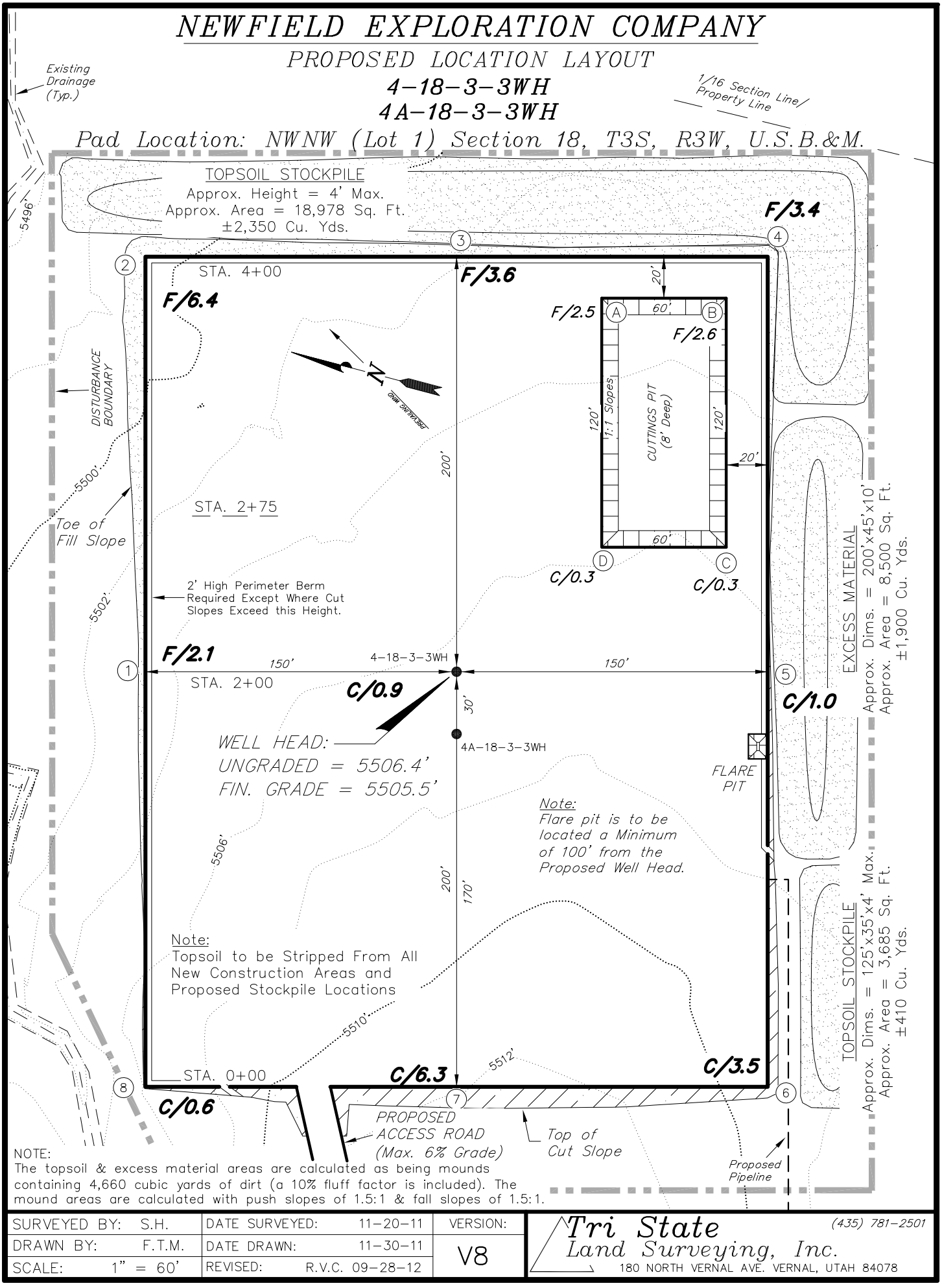
RECEIVED: Oct. 26, 2012

NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

4-18-3-3WH
4A-18-3-3WH

Pad Location: NWNW (Lot 1) Section 18, T3S, R3W, U.S.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 4,660 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: S.H.	DATE SURVEYED: 11-20-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-30-11	V8	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: R.V.C. 09-28-12		

RECEIVED: Oct. 26, 2012

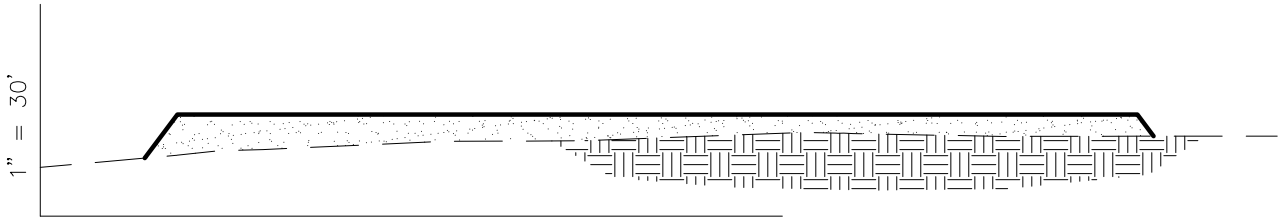
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

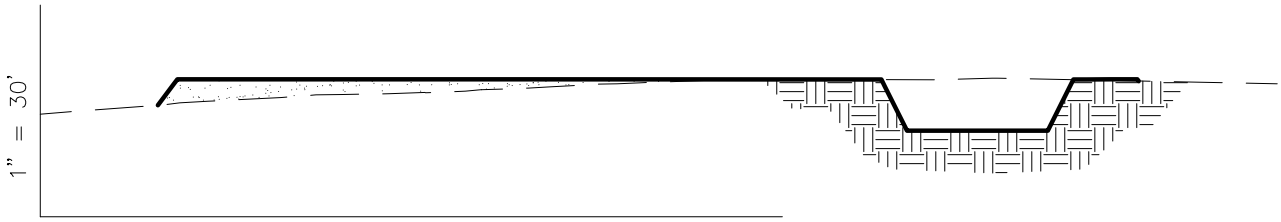
4-18-3-3WH

4A-18-3-3WH

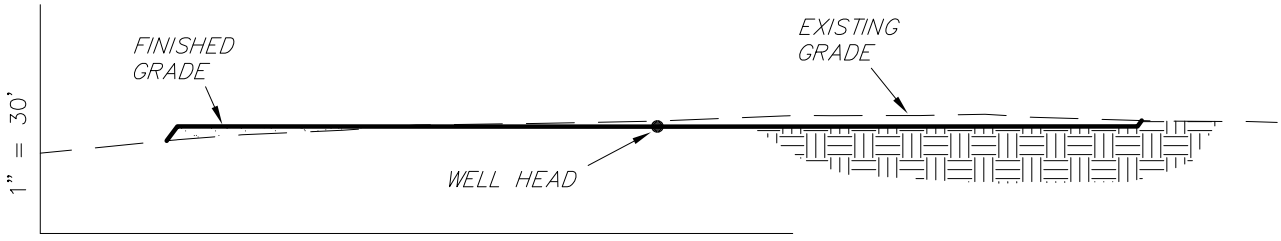
Pad Location: NWNW (Lot 1) Section 18, T3S, R3W, U.S.B.&M.



STA. 4+00



STA. 2+75



STA. 2+00

STA. 0+00

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	5,470	5,470	Topsoil is not included in Pad Cut Volume	0
PIT	1,730	0		1,730
TOTALS	7,200	5,470	2,510	1,730

SURVEYED BY: S.H.	DATE SURVEYED: 11-20-11	VERSION:	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-30-11	V8	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE: 1" = 60'	REVISED: R.V.C. 09-28-12			

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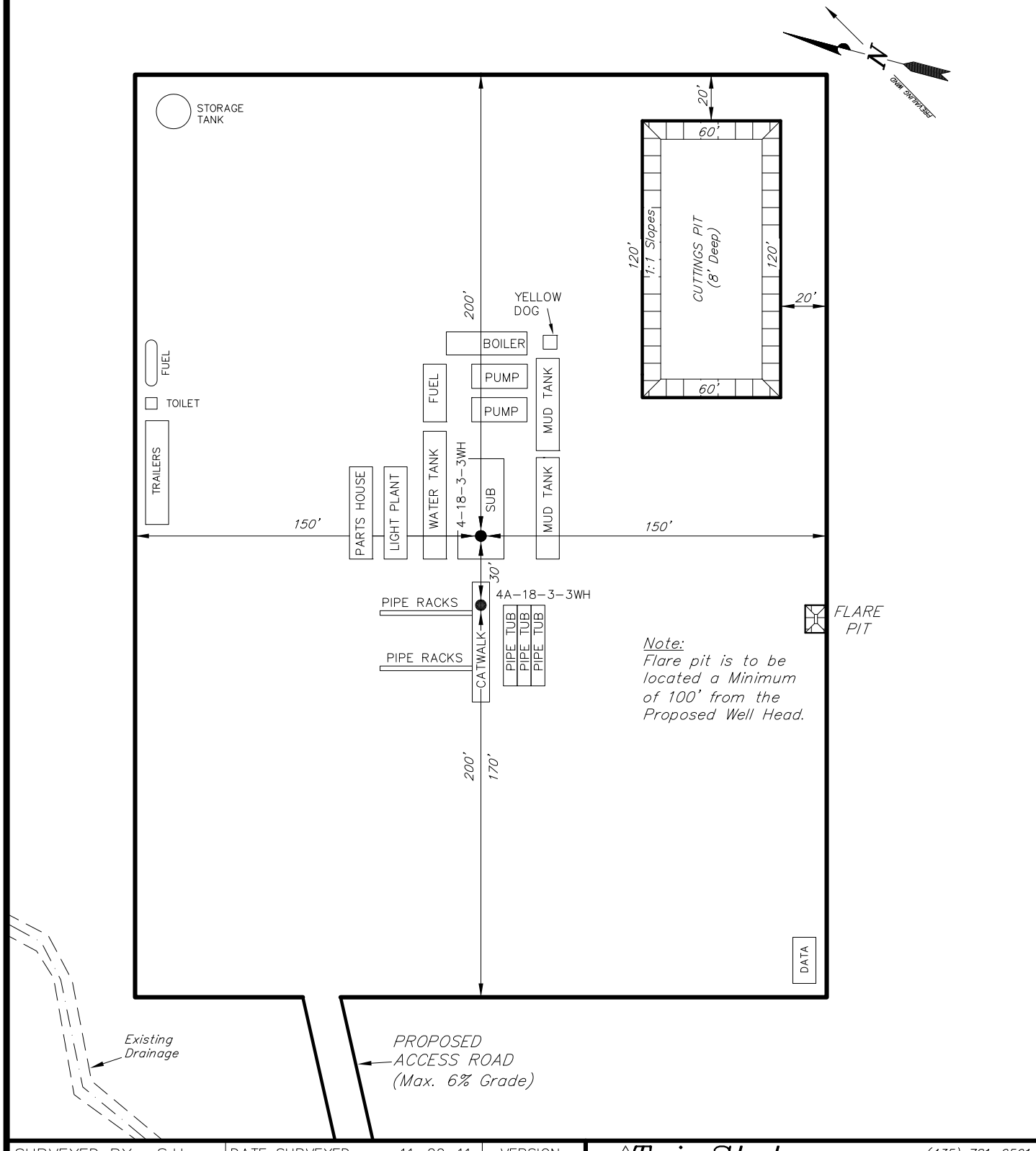
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

4-18-3-3WH

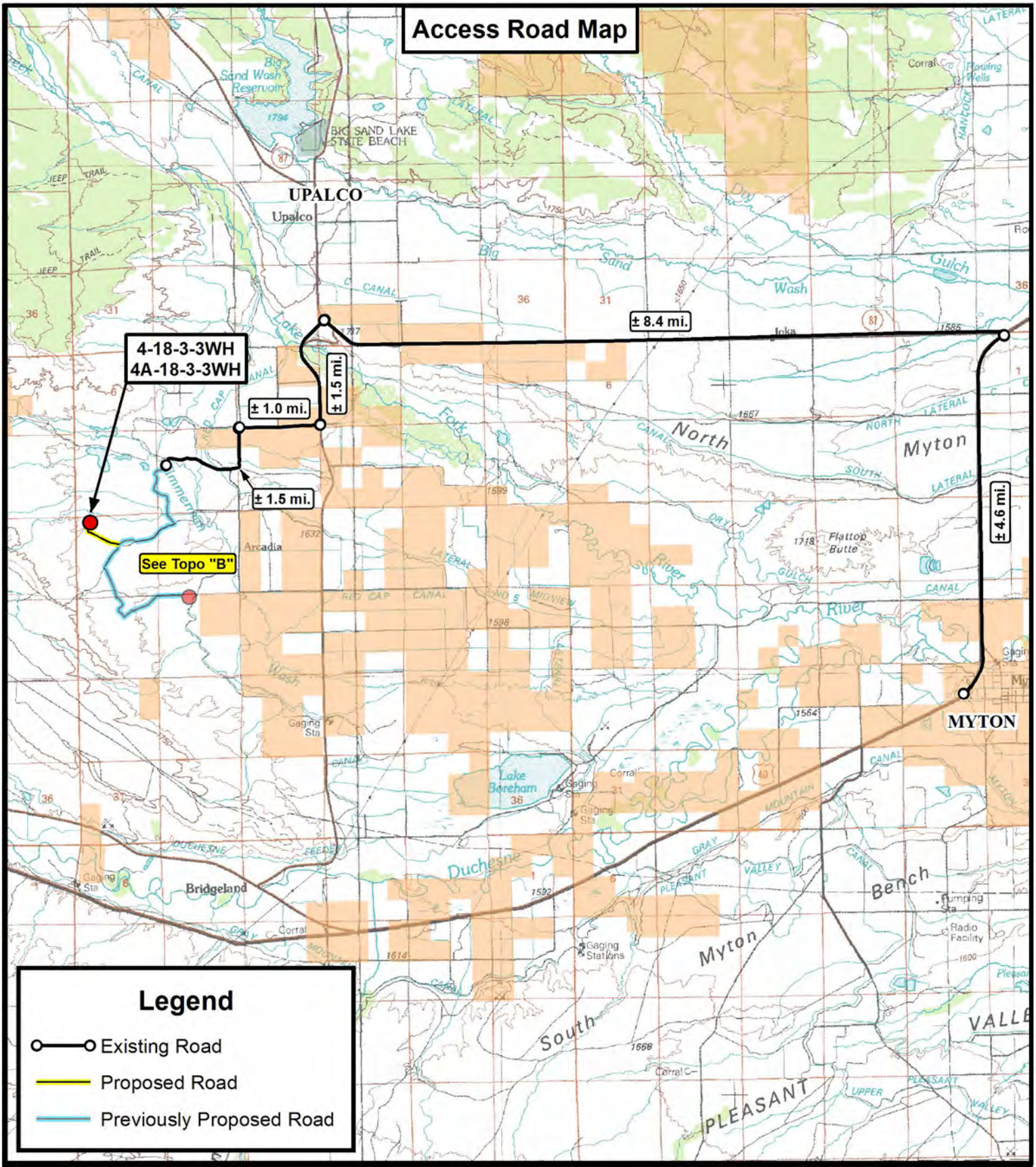
4A-18-3-3WH

Pad Location: NWNW (Lot 1) Section 18, T3S, R3W, U.S.B.&M.



SURVEYED BY: S.H.	DATE SURVEYED: 11-20-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-30-11	V8	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: R.V.C. 09-28-12		

RECEIVED: Oct. 26, 2012



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F: (435) 781-2518

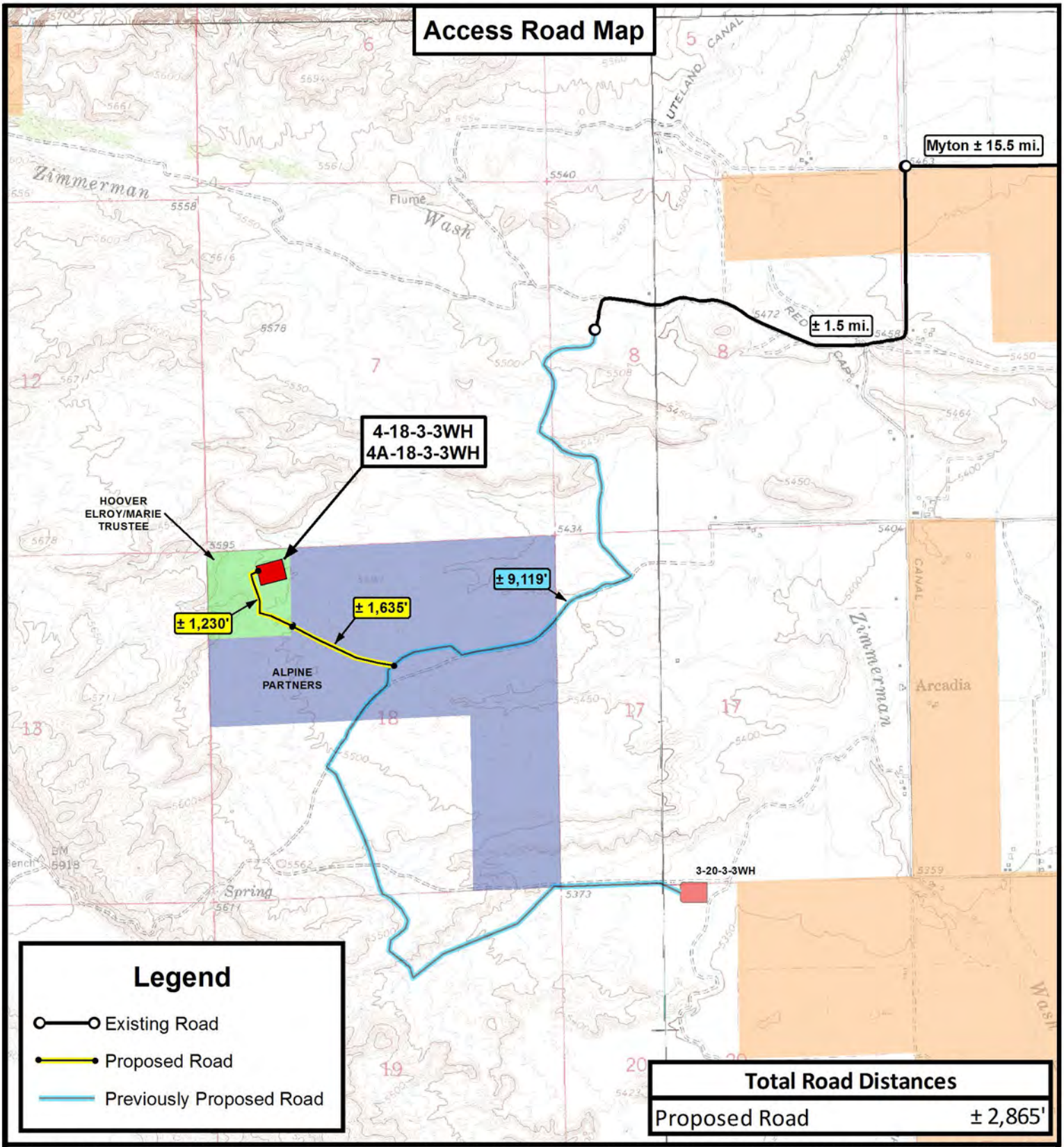
N

NEWFIELD EXPLORATION COMPANY
4-18-3-3WH
4A-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	09-28-12 D.C.R.	VERSION:
DATE:	11-30-2011			V8
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET A



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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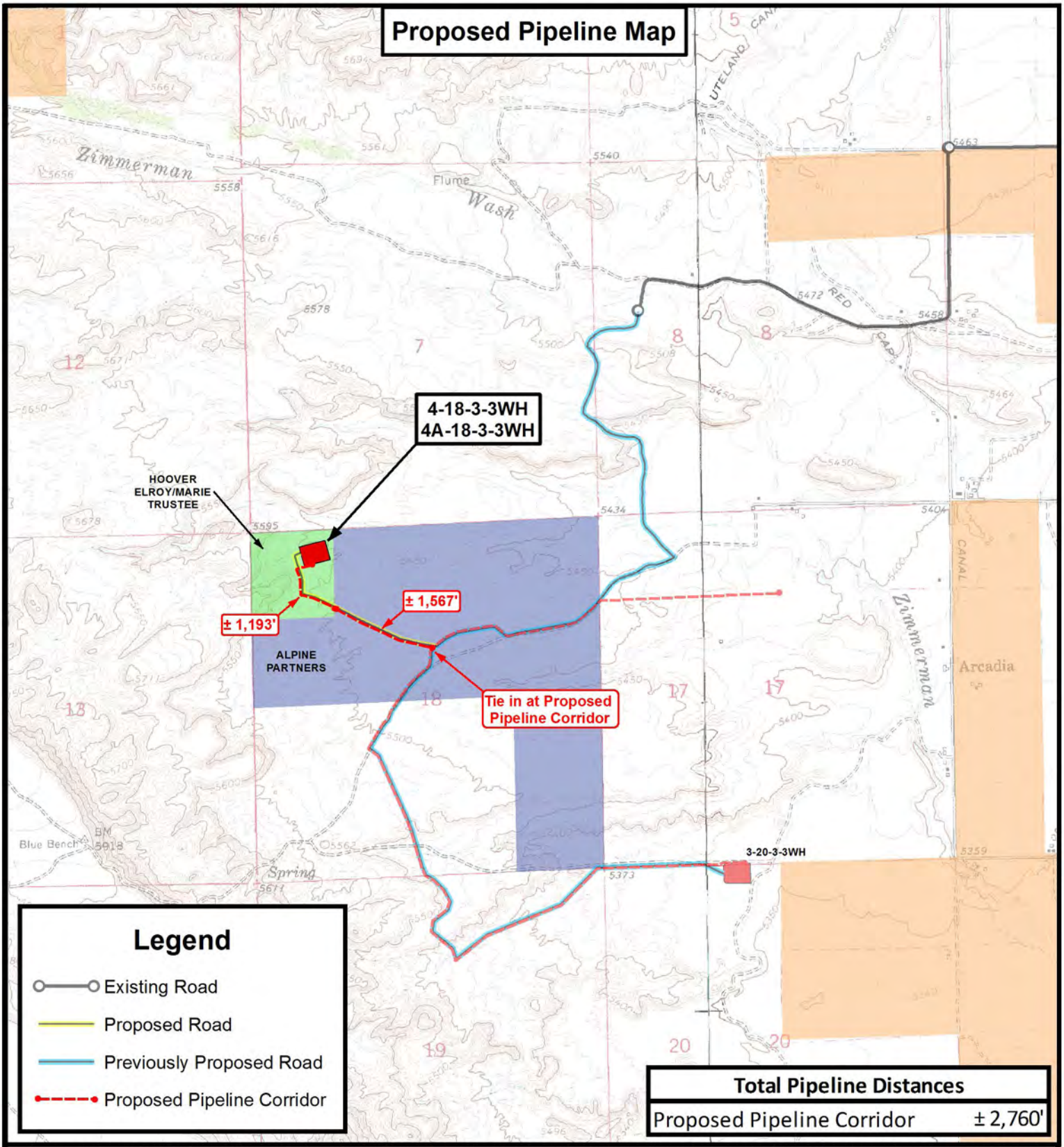
NEWFIELD EXPLORATION COMPANY
4-18-3-3WH
4A-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	09-28-12 D.C.R.	VERSION:
DATE:	11-30-2011			V8
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET B



Total Pipeline Distances	
Proposed Pipeline Corridor	± 2,760'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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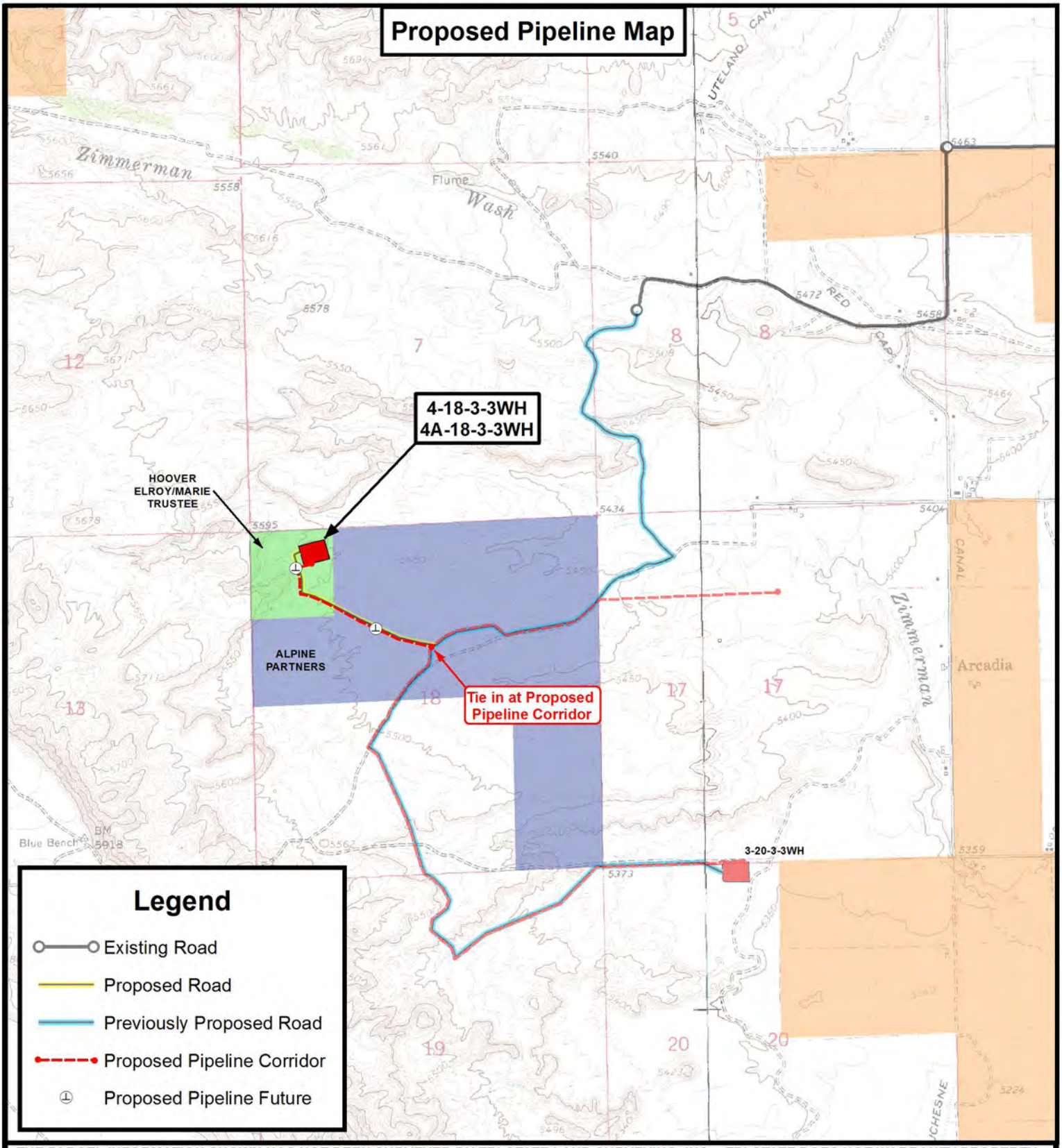
NEWFIELD EXPLORATION COMPANY
4-18-3-3WH
4A-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	09-28-12 D.C.R.	VERSION:
DATE:	11-30-2011			V8
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET C1



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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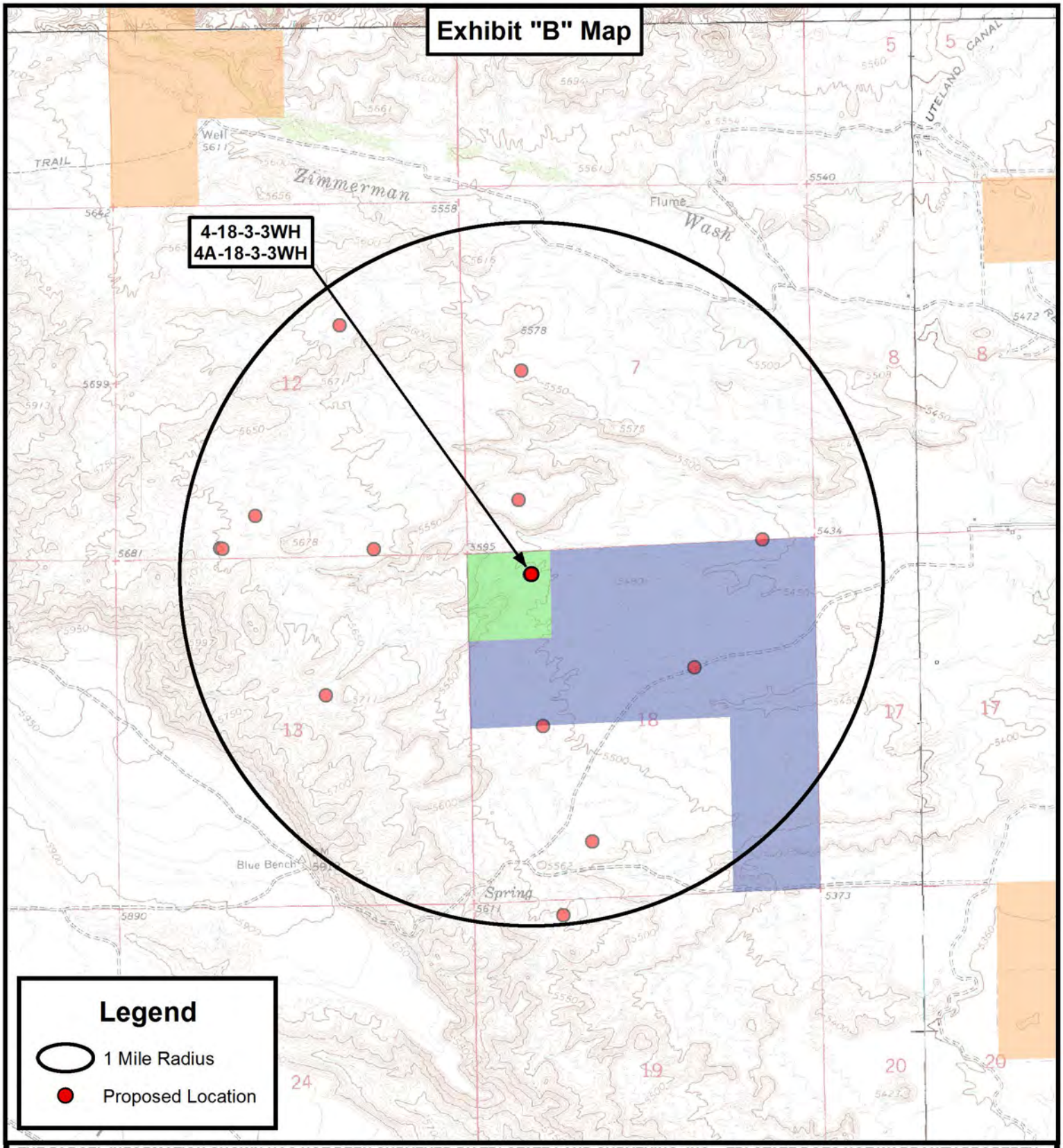
NEWFIELD EXPLORATION COMPANY
4-18-3-3WH
4A-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	09-28-12 D.C.R.	VERSION:
DATE:	11-30-2011			V8
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET C2

Exhibit "B" Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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NEWFIELD EXPLORATION COMPANY
4-18-3-3WH
4A-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 09-28-12 D.C.R.	VERSION:
DATE:	11-30-2011		V8
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
4-18-3-3WH	Surface Hole	40° 13' 38.41" N	110° 16' 17.29" W
4A-18-3-3WH	Surface Hole	40° 13' 38.34" N	110° 16' 17.66" W
4-18-3-3WH	Top of Producing Interval	40° 13' 35.27" N	110° 16' 20.36" W
4A-18-3-3WH	Top of Producing Interval	40° 13' 35.27" N	110° 16' 20.36" W
4-18-3-3WH	Bottom of Hole	40° 12' 56.91" N	110° 16' 20.26" W
4A-18-3-3WH	Bottom of Hole	40° 12' 56.91" N	110° 16' 20.26" W

Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
4-18-3-3WH	Surface Hole	40.227337	110.271469
4A-18-3-3WH	Surface Hole	40.227317	110.271573
4-18-3-3WH	Top of Producing Interval	40.226464	110.272323
4A-18-3-3WH	Top of Producing Interval	40.226464	110.272323
4-18-3-3WH	Bottom of Hole	40.215808	110.272294
4A-18-3-3WH	Bottom of Hole	40.215808	110.272294

Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
4-18-3-3WH	Surface Hole	4453244.391	561980.784
4A-18-3-3WH	Surface Hole	4453242.105	561971.937
4-18-3-3WH	Top of Producing Interval	4453146.903	561908.926
4A-18-3-3WH	Top of Producing Interval	4453146.903	561908.926
4-18-3-3WH	Bottom of Hole	4451964.148	561921.052
4A-18-3-3WH	Bottom of Hole	4451964.148	561921.052

Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
4-18-3-3WH	Surface Hole	40° 13' 38.57" N	110° 16' 14.73" W
4A-18-3-3WH	Surface Hole	40° 13' 38.49" N	110° 16' 15.11" W
4-18-3-3WH	Top of Producing Interval	40° 13' 35.42" N	110° 16' 17.81" W
4A-18-3-3WH	Top of Producing Interval	40° 13' 35.42" N	110° 16' 17.81" W
4-18-3-3WH	Bottom of Hole	40° 12' 57.06" N	110° 16' 17.70" W
4A-18-3-3WH	Bottom of Hole	40° 12' 57.06" N	110° 16' 17.70" W

Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
4-18-3-3WH	Surface Hole	40.227379	110.270759
4A-18-3-3WH	Surface Hole	40.227359	110.270863
4-18-3-3WH	Top of Producing Interval	40.226506	110.271613
4A-18-3-3WH	Top of Producing Interval	40.226506	110.271613
4-18-3-3WH	Bottom of Hole	40.215850	110.271584
4A-18-3-3WH	Bottom of Hole	40.215850	110.271584

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NEWFIELD EXPLORATION COMPANY

4-18-3-3WH
4A-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED: 09-28-12 D.C.R.	COORDINATE REPORT
DATE:	08-16-2012		SHEET 1
VERSION:	V8		

RECEIVED: Oct. 26, 2012

Coordinate Report

Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
4-18-3-3WH	Surface Hole	4453039.123	562042.793
4A-18-3-3WH	Surface Hole	4453036.837	562033.945
4-18-3-3WH	Top of Producing Interval	4452941.635	561970.934
4A-18-3-3WH	Top of Producing Interval	4452941.635	561970.934
4-18-3-3WH	Bottom of Hole	4451758.875	561983.065
4A-18-3-3WH	Bottom of Hole	4451758.875	561983.065

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NEWFIELD EXPLORATION COMPANY

4-18-3-3WH
4A-18-3-3WH
SEC. 18, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED: 09-28-12 D.C.R.	COORDINATE REPORT
DATE:	08-16-2012		SHEET 2
VERSION:	V8		

RECEIVED: Oct. 26, 2012

Sundry Number: 31110 API Well Number: 43013513220000

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 1420H626388

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
UTE TRIBAL 4-18-3-3WH

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013513220000

3. ADDRESS OF OPERATOR:
Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0351 FNL 0949 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNW Section: 18 Township: 03.0S Range: 03.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/1/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Production Company respectfully requests approval to change target formations to Wasatch and change to an oil based mud drilling system for the above referenced well. Attached please find an updated drilling plan and horizontal plan reflecting a change in well depth from the approved 13,450' MD and 9,076' TVD to 14,060 MD and 9,870' TVD.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 20, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent
SIGNATURE		**DATE**
N/A		10/16/2012

RECEIVED: Oct. 16, 2012

Newfield Production Company
4-18-3-3WH
Surface Hole Location: 351' FNL, 949' FWL, Section 18, T3S, R3W
Bottom Hole Location: 660' FSL, 660' FWL, Section 18, T3S, R3W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface		
Green River	3,860'		
Garden Gulch member	6,780'		
Wasatch	9,275'		
Lateral TD	9,870'	TVD /	14,060' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	994'		(water)
Green River	6,780'	- 9,275'	(oil)
Wasatch	9,275'	- 9,870'	(oil)

3. Pressure Control

Section	BOP Description
Surface	No control
Intermediate	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 2M system.
Prod/Prod Liner	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

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4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor	0'	60'	--	--	Weld	--	--	--	--	--	--
20									--	--	--
Surface	0'	1,000'	54.5	J-55	STC	8.33	8.33	12	2,730	1,130	514,000
13 3/8									4.87	3.55	9.43
Intermediate	0'	6,000'	40	J-55	BTC	8.5	9	15	3,950	2,570	630,000
9 5/8									1.20	1.16	2.63
Production	0'	10,054'	26	P-110	BTC	12.5	13	15	9,960	6,210	830,000
7		10,378'							1.80	1.07	3.08
Production Liner	9,484'	9,870'	13.5	P-110	BTC	12.5	13	--	12,410	10,670	422,000
4 1/2		14,060'							2.29	1.88	6.83

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	24	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	66	15%	15.8	1.17
				57			
Surface Lead	17 1/2	500'	Varicem (Type III) + .125 lbs/sk Cello Flakes	399	15%	11.0	3.33
				120			
Surface Tail	17 1/2	500'	Varicem (Type III) + .125 lbs/sk Cello Flakes	399	15%	13.0	1.9
				210			
Intermediate Lead	12 1/4	5,000'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	1801	15%	11.0	3.53
				510			
Intermediate Tail	12 1/4	1,000'	50/50 Poz/Class G + 1% bentonite	360	15%	14.0	1.29
				279			
Production Lead	8 3/4	5,780'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	999	15%	11.0	3.53
				283			
Production Tail	8 3/4	3,598'	50/50 Poz/Class G + 1% bentonite	622	15%	14.0	1.29
				482			
Prod Liner	6 1/8	4,576'	50/50 Poz/Class G + 1% bentonite (foamed with nitrogen to 12.5 ppg)	496	15%	14.3	1.25
				396			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

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Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The cement slurries will be adjusted for hole conditions and blend test results.

6. Type and Characteristics of Proposed Circulating Medium

Interval	Description
Surface - 1,000'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.
1,000' - 10,378'	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 13.0 ppg.
10,378' - TD	A diesel based oil-based mud system will used in the 6 1/8" hole below the 7" shoe. The MI-Swaco Versa System with an oil to water ratio between 75/25 and 80/20 will be used. Water phase salinty will be maintained in the range of 25% using CaCl (Calcium Chloride). All cuttings will be dried and centrifuged so that they can be easily transfered to steel bins with very little free fluid on them. Cuttings and waste will be either hauled to an approved disposal facility or treated with an approved process on location.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from KOP to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from KOP to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.65 psi/ft gradient.

9,870' x 0.65 psi/ft = 6416 psi

No abnormal temperature is expected. No H_2S is expected.

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9. Other Aspects

After setting 9-5/8" casing, an 8-3/4" vertical hole will be drilled to a kick off point of 9,534' .
Directional tools will then be used to build to 92.86 degrees inclination.
The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat.
A liner will be run and cemented in place. The top of the liner will be placed 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:

- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

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NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT

4-18-3-3WH

Plan: Design #1

PROPOSAL

04 October, 2012

RECEIVED: Oct. 16, 2012

Sundry Number: ~~31110 API Well Number: 43013513220000~~

NEWFIELD

Project:	DUCHESNE COUNTY, UT
Site:	4-18-3-3WH
Well:	4-18-3-3WH
Wellbore:	4-18-3-3WH
Design:	Design #1
Latitude:	40° 13' 38.410 N
Longitude:	110° 16' 17.290 W
GL:	5505.50
KB:	WELL @ 5521.50ft (Pioneer 68)

Weatherford®

WELL DETAILS: 4-18-3-3WH

Ground Level: 5505.50

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7253889.01	1983423.89	40° 13' 38.410 N	110° 16' 17.290 W	

WELLBORE TARGET DETAILS (LAT/LONG)

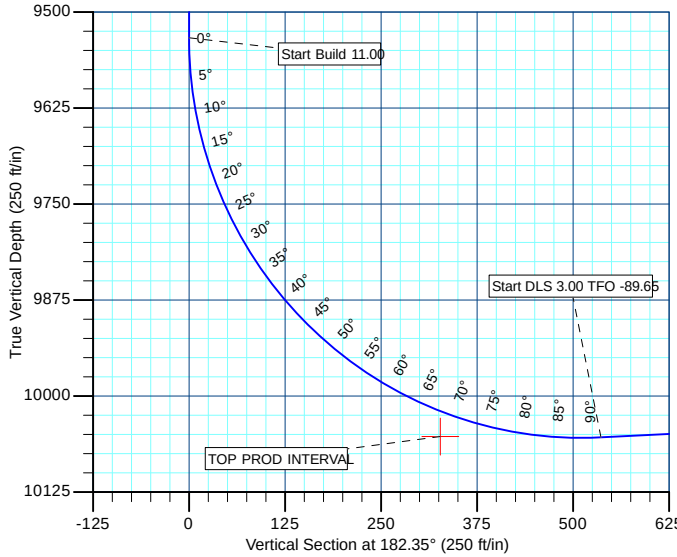
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL 4-18-3-3WH	9870.00	-4204.56	-172.68	40° 12' 56.857 N	110° 16' 19.516 W	Point
TOP PROD INTERVAL	10052.78	-317.73	-238.11	40° 13' 35.270 N	110° 16' 20.360 W	Point

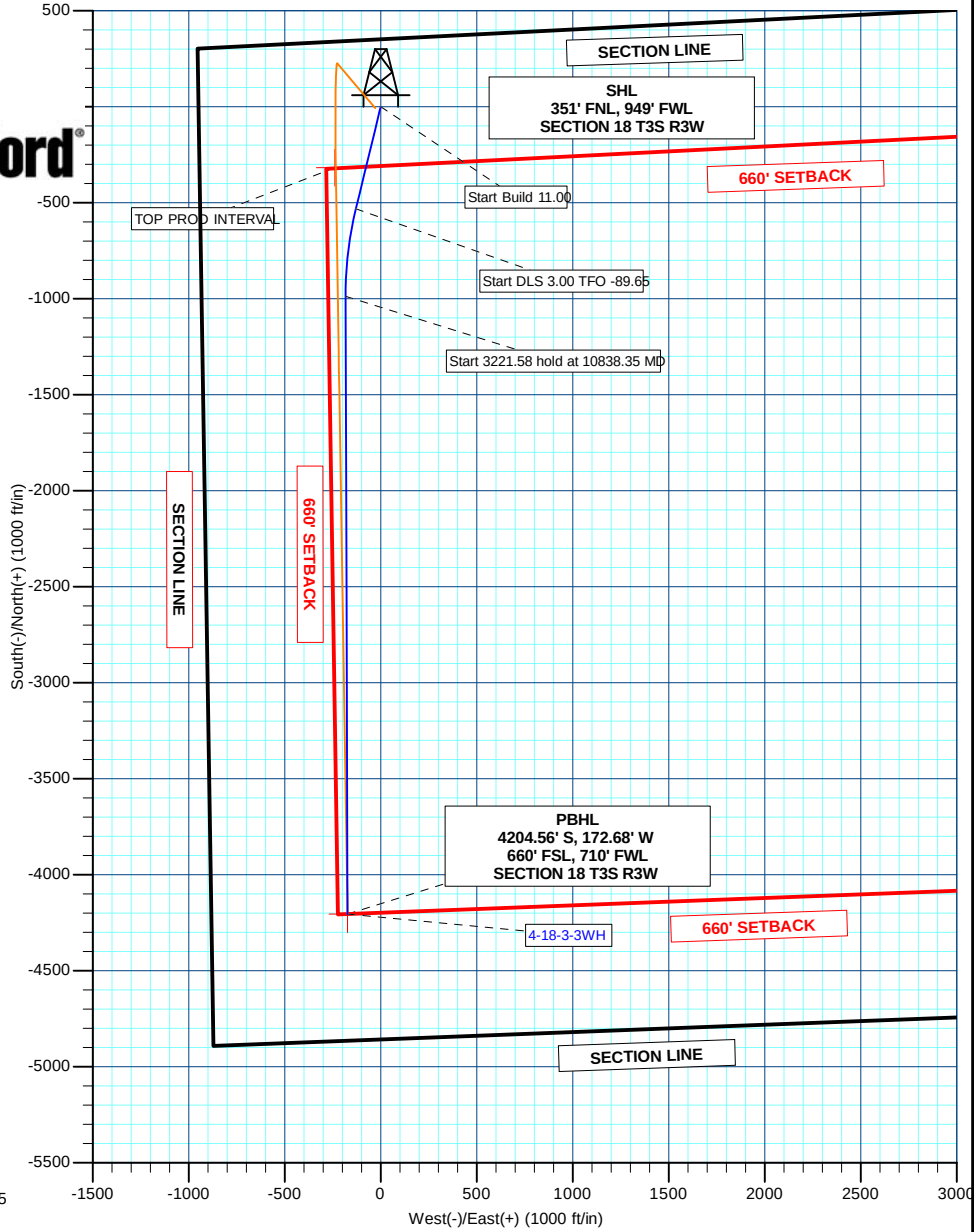
SECTION DETAILS

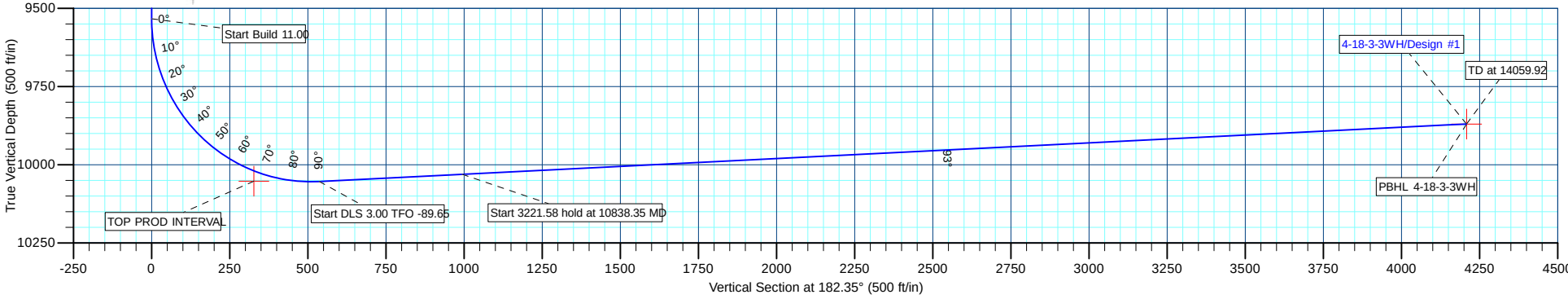
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	9533.70	0.00	0.00	9533.70	0.00	0.00	0.00	0.00	0.00	
3	10377.88	92.86	193.65	10053.92	-531.42	-129.05	11.00	193.65	536.26	
4	10838.34	92.86	179.82	10030.83	-987.02	-182.85	3.00	-89.65	993.69	
5	14059.92	92.86	179.82	9870.00	-4204.56	-172.68	0.00	0.00	4208.10	PBHL 4-18-3-3WH

CASING DETAILS

No casing data is available







NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT
4-18-3-3WH
4-18-3-3WH

4-18-3-3WH

Plan: Design #1

Standard Planning Report

04 October, 2012

RECEIVED: Oct. 16, 2012

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 4-18-3-3WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Site:	4-18-3-3WH	**North Reference:**	True
Well:	4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	4-18-3-3WH		
Design:	Design #1		

Project DUCHESNE COUNTY, UT

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site 4-18-3-3WH

Site Position:		**Northing:**	7,253,889.01 usft	**Latitude:**	40° 13' 38.410 N
From:	Lat/Long	**Easting:**	1,983,423.89 usft	**Longitude:**	110° 16' 17.290 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.79 °

Well 4-18-3-3WH

Well Position	**+N/-S**	0.00 ft	**Northing:**	7,253,889.01 usft	**Latitude:**	40° 13' 38.410 N
	+E/-W	0.00 ft	**Easting:**	1,983,423.89 usft	**Longitude:**	110° 16' 17.290 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,505.50 ft

Wellbore 4-18-3-3WH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	10/3/2012	11.29	65.85	52,154

Design Design #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	182.35

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,533.70	0.00	0.00	9,533.70	0.00	0.00	0.00	0.00	0.00	0.00	
10,377.88	92.86	193.65	10,053.92	-531.42	-129.05	11.00	11.00	0.00	193.65	
10,838.34	92.86	179.82	10,030.83	-987.02	-182.85	3.00	0.00	-3.00	-89.65	
14,059.92	92.86	179.82	9,870.00	-4,204.56	-172.68	0.00	0.00	0.00	0.00	PBHL 4-18-3-3WH

RECEIVED: Oct. 16, 2012

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

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Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Site:	4-18-3-3WH	**North Reference:**	True
Well:	4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	4-18-3-3WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00

RECEIVED: Oct. 16, 2012

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

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Well:	4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	4-18-3-3WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00
8,900.00	0.00	0.00	8,900.00	0.00	0.00	0.00	0.00	0.00	0.00
9,000.00	0.00	0.00	9,000.00	0.00	0.00	0.00	0.00	0.00	0.00
9,100.00	0.00	0.00	9,100.00	0.00	0.00	0.00	0.00	0.00	0.00
9,200.00	0.00	0.00	9,200.00	0.00	0.00	0.00	0.00	0.00	0.00
9,300.00	0.00	0.00	9,300.00	0.00	0.00	0.00	0.00	0.00	0.00
9,400.00	0.00	0.00	9,400.00	0.00	0.00	0.00	0.00	0.00	0.00
9,500.00	0.00	0.00	9,500.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 11.00									
9,533.70	0.00	0.00	9,533.70	0.00	0.00	0.00	0.00	0.00	0.00
9,550.00	1.79	193.65	9,550.00	-0.25	-0.06	0.25	11.00	11.00	0.00
9,600.00	7.29	193.65	9,599.82	-4.09	-0.99	4.13	11.00	11.00	0.00
9,650.00	12.79	193.65	9,649.04	-12.56	-3.05	12.68	11.00	11.00	0.00
9,700.00	18.29	193.65	9,697.19	-25.58	-6.21	25.81	11.00	11.00	0.00
9,750.00	23.79	193.65	9,743.84	-43.02	-10.45	43.41	11.00	11.00	0.00
9,800.00	29.29	193.65	9,788.55	-64.72	-15.72	65.31	11.00	11.00	0.00
9,850.00	34.79	193.65	9,830.92	-90.49	-21.98	91.32	11.00	11.00	0.00
9,900.00	40.29	193.65	9,870.55	-120.09	-29.16	121.18	11.00	11.00	0.00
9,950.00	45.79	193.65	9,907.07	-153.24	-37.21	154.64	11.00	11.00	0.00

RECEIVED: Oct. 16, 2012

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

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Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5521.50ft (Pioneer 68)
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Well:	4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	4-18-3-3WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,000.00	51.29	193.65	9,940.16	-189.64	-46.05	191.37	11.00	11.00	0.00
10,050.00	56.79	193.65	9,969.51	-228.95	-55.60	231.04	11.00	11.00	0.00
10,100.00	62.29	193.65	9,994.85	-270.82	-65.77	273.29	11.00	11.00	0.00
10,150.00	67.79	193.65	10,015.94	-314.85	-76.46	317.73	11.00	11.00	0.00
TOP PROD INTERVAL									
10,200.00	73.29	193.65	10,032.58	-360.65	-87.58	363.94	11.00	11.00	0.00
10,250.00	78.79	193.65	10,044.64	-407.78	-99.03	411.50	11.00	11.00	0.00
10,300.00	84.29	193.65	10,051.99	-455.83	-110.70	459.98	11.00	11.00	0.00
10,350.00	89.79	193.65	10,054.57	-504.33	-122.48	508.93	11.00	11.00	0.00
Start DLS 3.00 TFO -89.65									
10,377.88	92.86	193.65	10,053.92	-531.42	-129.05	536.26	11.00	11.00	0.00
10,400.00	92.86	192.99	10,052.82	-552.91	-134.14	557.95	3.00	0.02	-3.00
10,500.00	92.88	189.98	10,047.81	-650.77	-154.02	656.55	3.00	0.01	-3.00
10,600.00	92.88	186.98	10,042.79	-749.54	-168.75	755.84	3.00	0.00	-3.00
10,700.00	92.88	183.97	10,037.76	-848.95	-178.28	855.55	3.00	0.00	-3.00
10,800.00	92.87	180.97	10,032.75	-948.72	-182.59	955.41	3.00	-0.01	-3.00
Start 3221.58 hold at 10838.35 MD									
10,838.35	92.86	179.82	10,030.83	-987.02	-182.85	993.69	3.00	-0.02	-3.00
10,900.00	92.86	179.82	10,027.75	-1,048.59	-182.66	1,055.21	0.00	0.00	0.00
11,000.00	92.86	179.82	10,022.76	-1,148.47	-182.34	1,154.98	0.00	0.00	0.00
11,100.00	92.86	179.82	10,017.77	-1,248.34	-182.03	1,254.76	0.00	0.00	0.00
11,200.00	92.86	179.82	10,012.77	-1,348.22	-181.71	1,354.54	0.00	0.00	0.00
11,300.00	92.86	179.82	10,007.78	-1,448.09	-181.39	1,454.32	0.00	0.00	0.00
11,400.00	92.86	179.82	10,002.79	-1,547.97	-181.08	1,554.09	0.00	0.00	0.00
11,500.00	92.86	179.82	9,997.80	-1,647.84	-180.76	1,653.87	0.00	0.00	0.00
11,600.00	92.86	179.82	9,992.81	-1,747.72	-180.45	1,753.65	0.00	0.00	0.00
11,700.00	92.86	179.82	9,987.81	-1,847.59	-180.13	1,853.43	0.00	0.00	0.00
11,800.00	92.86	179.82	9,982.82	-1,947.47	-179.82	1,953.21	0.00	0.00	0.00
11,900.00	92.86	179.82	9,977.83	-2,047.34	-179.50	2,052.98	0.00	0.00	0.00
12,000.00	92.86	179.82	9,972.84	-2,147.22	-179.18	2,152.76	0.00	0.00	0.00
12,100.00	92.86	179.82	9,967.84	-2,247.09	-178.87	2,252.54	0.00	0.00	0.00
12,200.00	92.86	179.82	9,962.85	-2,346.97	-178.55	2,352.32	0.00	0.00	0.00
12,300.00	92.86	179.82	9,957.86	-2,446.84	-178.24	2,452.09	0.00	0.00	0.00
12,400.00	92.86	179.82	9,952.87	-2,546.72	-177.92	2,551.87	0.00	0.00	0.00
12,500.00	92.86	179.82	9,947.88	-2,646.59	-177.61	2,651.65	0.00	0.00	0.00
12,600.00	92.86	179.82	9,942.88	-2,746.47	-177.29	2,751.43	0.00	0.00	0.00
12,700.00	92.86	179.82	9,937.89	-2,846.34	-176.97	2,851.21	0.00	0.00	0.00
12,800.00	92.86	179.82	9,932.90	-2,946.22	-176.66	2,950.98	0.00	0.00	0.00
12,900.00	92.86	179.82	9,927.91	-3,046.09	-176.34	3,050.76	0.00	0.00	0.00
13,000.00	92.86	179.82	9,922.91	-3,145.96	-176.03	3,150.54	0.00	0.00	0.00
13,100.00	92.86	179.82	9,917.92	-3,245.84	-175.71	3,250.32	0.00	0.00	0.00
13,200.00	92.86	179.82	9,912.93	-3,345.71	-175.40	3,350.09	0.00	0.00	0.00
13,300.00	92.86	179.82	9,907.94	-3,445.59	-175.08	3,449.87	0.00	0.00	0.00
13,400.00	92.86	179.82	9,902.95	-3,545.46	-174.76	3,549.65	0.00	0.00	0.00
13,500.00	92.86	179.82	9,897.95	-3,645.34	-174.45	3,649.43	0.00	0.00	0.00
13,600.00	92.86	179.82	9,892.96	-3,745.21	-174.13	3,749.20	0.00	0.00	0.00
13,700.00	92.86	179.82	9,887.97	-3,845.09	-173.82	3,848.98	0.00	0.00	0.00
13,800.00	92.86	179.82	9,882.98	-3,944.96	-173.50	3,948.76	0.00	0.00	0.00
13,900.00	92.86	179.82	9,877.98	-4,044.84	-173.18	4,048.54	0.00	0.00	0.00
14,000.00	92.86	179.82	9,872.99	-4,144.71	-172.87	4,148.32	0.00	0.00	0.00
TD at 14059.92 - PBHL 4-18-3-3WH									
14,059.92	92.86	179.82	9,870.00	-4,204.56	-172.68	4,208.10	0.00	0.00	0.00

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NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 4-18-3-3WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Site:	4-18-3-3WH	**North Reference:**	True
Well:	4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	4-18-3-3WH		
Design:	Design #1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL 4-18-3-3WH - plan hits target center - Point	0.00	0.00	9,870.00	-4,204.56	-172.68	7,249,682.49	1,983,308.98	40° 12' 56.857 N	110° 16' 19.516 W
TOP PROD INTERVAL - plan misses target center by 157.82ft at 10200.00ft MD (10032.58 TVD, -360.65 N, -87.58 E) - Point	0.00	0.00	10,052.78	-317.73	-238.11	7,253,568.05	1,983,190.17	40° 13' 35.270 N	110° 16' 20.360 W

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
9,533.70	9,533.70	0.00	0.00	Start Build 11.00
10,377.88	10,053.92	-531.42	-129.05	Start DLS 3.00 TFO -89.65
10,838.35	10,030.83	-987.02	-182.85	Start 3221.58 hold at 10838.35 MD
14,059.92	9,870.00	-4,204.56	-172.68	TD at 14059.92

RECEIVED: Oct. 16, 2012

NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT
4-18-3-3WH
4-18-3-3WH

4-18-3-3WH
Design #1

Anticollision Report

04 October, 2012

RECEIVED: Oct. 16, 2012

Weatherford

Weatherford International Ltd.

Anticollision Report

Weatherford

Company:	NEWFIELD EXPLORATION CO.	**Local Co-ordinate Reference:**	Well 4-18-3-3WH
Project:	DUCHESNE COUNTY, UT	**TVD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Reference Site:	4-18-3-3WH	**MD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Site Error:	0.00 ft	**North Reference:**	True
Reference Well:	4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	4-18-3-3WH	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Reference Design #1

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.00ft	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 11,000.00 ft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 10/4/2012

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.00	14,059.92	Design #1 (4-18-3-3WH)	MWD	MWD - Standard

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
4A-18-3-3WH						
4A-18-3-3WH - Wellbore #1 - Design #1	2,500.00	2,500.00	29.56	18.58	2.693	CC, ES
4A-18-3-3WH - Wellbore #1 - Design #1	2,600.00	2,599.50	30.37	18.95	2.659	SF

Offset Design 4A-18-3-3WH - 4A-18-3-3WH - Wellbore #1 - Design #1

Survey Program: 0-MWD

Offset Site Error: 0.00 ft

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-103.86	-7.08	-28.70	29.56				
100.00	100.00	100.00	100.00	0.09	0.09	-103.86	-7.08	-28.70	29.56	29.37	0.19	156.553	
200.00	200.00	200.00	200.00	0.32	0.32	-103.86	-7.08	-28.70	29.56	28.92	0.64	46.305	
300.00	300.00	300.00	300.00	0.54	0.54	-103.86	-7.08	-28.70	29.56	28.47	1.09	27.170	
400.00	400.00	400.00	400.00	0.77	0.77	-103.86	-7.08	-28.70	29.56	28.02	1.54	19.226	
500.00	500.00	500.00	500.00	0.99	0.99	-103.86	-7.08	-28.70	29.56	27.57	1.99	14.876	
600.00	600.00	600.00	600.00	1.22	1.22	-103.86	-7.08	-28.70	29.56	27.12	2.44	12.131	
700.00	700.00	700.00	700.00	1.44	1.44	-103.86	-7.08	-28.70	29.56	26.67	2.89	10.242	
800.00	800.00	800.00	800.00	1.67	1.67	-103.86	-7.08	-28.70	29.56	26.22	3.34	8.862	
900.00	900.00	900.00	900.00	1.89	1.89	-103.86	-7.08	-28.70	29.56	25.77	3.79	7.809	
1,000.00	1,000.00	1,000.00	1,000.00	2.12	2.12	-103.86	-7.08	-28.70	29.56	25.32	4.23	6.980	
1,100.00	1,100.00	1,100.00	1,100.00	2.34	2.34	-103.86	-7.08	-28.70	29.56	24.87	4.68	6.310	
1,200.00	1,200.00	1,200.00	1,200.00	2.57	2.57	-103.86	-7.08	-28.70	29.56	24.42	5.13	5.758	
1,300.00	1,300.00	1,300.00	1,300.00	2.79	2.79	-103.86	-7.08	-28.70	29.56	23.97	5.58	5.294	
1,400.00	1,400.00	1,400.00	1,400.00	3.02	3.02	-103.86	-7.08	-28.70	29.56	23.53	6.03	4.900	
1,500.00	1,500.00	1,500.00	1,500.00	3.24	3.24	-103.86	-7.08	-28.70	29.56	23.08	6.48	4.560	
1,600.00	1,600.00	1,600.00	1,600.00	3.47	3.47	-103.86	-7.08	-28.70	29.56	22.63	6.93	4.264	
1,700.00	1,700.00	1,700.00	1,700.00	3.69	3.69	-103.86	-7.08	-28.70	29.56	22.18	7.38	4.004	
1,800.00	1,800.00	1,800.00	1,800.00	3.92	3.92	-103.86	-7.08	-28.70	29.56	21.73	7.83	3.775	
1,900.00	1,900.00	1,900.00	1,900.00	4.14	4.14	-103.86	-7.08	-28.70	29.56	21.28	8.28	3.570	
2,000.00	2,000.00	2,000.00	2,000.00	4.36	4.36	-103.86	-7.08	-28.70	29.56	20.83	8.73	3.386	
2,100.00	2,100.00	2,100.00	2,100.00	4.59	4.59	-103.86	-7.08	-28.70	29.56	20.38	9.18	3.220	
2,200.00	2,200.00	2,200.00	2,200.00	4.81	4.81	-103.86	-7.08	-28.70	29.56	19.93	9.63	3.070	
2,300.00	2,300.00	2,300.00	2,300.00	5.04	5.04	-103.86	-7.08	-28.70	29.56	19.48	10.08	2.933	
2,400.00	2,400.00	2,400.00	2,400.00	5.26	5.26	-103.86	-7.08	-28.70	29.56	19.03	10.53	2.808	

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Weatherford

Weatherford International Ltd.

Anticollision Report

Weatherford

Company:	NEWFIELD EXPLORATION CO.	**Local Co-ordinate Reference:**	Well 4-18-3-3WH
Project:	DUCHESNE COUNTY, UT	**TVD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Reference Site:	4-18-3-3WH	**MD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Site Error:	0.00 ft	**North Reference:**	True
Reference Well:	4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	4-18-3-3WH	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 4A-18-3-3WH - 4A-18-3-3WH - Wellbore #1 - Design #1

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,500.00	2,500.00	2,500.00	2,500.00	5.49	5.49	-103.86	-7.08	-28.70	29.56	18.58	10.98	2.693	CC, ES
2,600.00	2,600.00	2,599.50	2,599.48	5.71	5.71	-100.94	-5.76	-29.81	30.37	18.95	11.42	2.659	SF
2,700.00	2,700.00	2,699.23	2,699.11	5.94	5.93	-94.20	-2.40	-32.66	32.76	20.90	11.86	2.761	
2,800.00	2,800.00	2,799.12	2,798.90	6.16	6.15	-88.20	1.12	-35.64	35.67	23.37	12.31	2.899	
2,900.00	2,900.00	2,899.02	2,898.69	6.39	6.37	-83.16	4.64	-38.62	38.91	26.16	12.75	3.052	
3,000.00	3,000.00	2,998.91	2,998.47	6.61	6.60	-78.91	8.15	-41.59	42.41	29.21	13.20	3.214	
3,100.00	3,100.00	3,098.80	3,098.26	6.84	6.82	-75.33	11.67	-44.57	46.10	32.46	13.64	3.380	
3,200.00	3,200.00	3,198.70	3,198.05	7.06	7.05	-72.29	15.18	-47.54	49.95	35.86	14.09	3.546	
3,300.00	3,300.00	3,298.59	3,297.83	7.29	7.27	-69.69	18.70	-50.52	53.91	39.38	14.53	3.710	
3,400.00	3,400.00	3,398.48	3,397.62	7.51	7.50	-67.45	22.21	-53.49	57.97	42.99	14.98	3.871	
3,500.00	3,500.00	3,498.38	3,497.41	7.74	7.73	-65.50	25.73	-56.47	62.11	46.69	15.42	4.027	
3,600.00	3,600.00	3,598.27	3,597.20	7.96	7.95	-63.80	29.25	-59.45	66.31	50.44	15.87	4.178	
3,700.00	3,700.00	3,698.16	3,696.98	8.19	8.18	-62.31	32.76	-62.42	70.56	54.24	16.32	4.324	
3,800.00	3,800.00	3,798.06	3,796.77	8.41	8.41	-60.98	36.28	-65.40	74.86	58.09	16.77	4.465	
3,900.00	3,900.00	3,897.95	3,896.56	8.64	8.64	-59.80	39.79	-68.37	79.19	61.97	17.21	4.600	
4,000.00	4,000.00	3,997.85	3,996.35	8.86	8.87	-58.74	43.31	-71.35	83.55	65.88	17.66	4.731	
4,100.00	4,100.00	4,097.74	4,096.13	9.09	9.10	-57.79	46.82	-74.33	87.93	69.82	18.11	4.856	
4,200.00	4,200.00	4,197.63	4,195.92	9.31	9.33	-56.93	50.34	-77.30	92.34	73.78	18.56	4.976	
4,300.00	4,300.00	4,297.53	4,295.71	9.53	9.57	-56.14	53.86	-80.28	96.76	77.76	19.00	5.092	
4,400.00	4,400.00	4,397.42	4,395.50	9.76	9.80	-55.43	57.37	-83.25	101.21	81.75	19.45	5.203	
4,500.00	4,500.00	4,497.31	4,495.28	9.98	10.03	-54.77	60.89	-86.23	105.66	85.76	19.90	5.309	
4,600.00	4,600.00	4,597.21	4,595.07	10.21	10.26	-54.17	64.40	-89.21	110.13	89.78	20.35	5.412	
4,700.00	4,700.00	4,697.10	4,694.86	10.43	10.49	-53.62	67.92	-92.18	114.62	93.82	20.80	5.511	
4,800.00	4,800.00	4,796.99	4,794.65	10.66	10.73	-53.10	71.43	-95.16	119.11	97.86	21.25	5.606	
4,900.00	4,900.00	4,896.89	4,894.43	10.88	10.96	-52.63	74.95	-98.13	123.61	101.91	21.70	5.697	
5,000.00	5,000.00	4,996.78	4,994.22	11.11	11.19	-52.19	78.47	-101.11	128.11	105.97	22.15	5.785	
5,100.00	5,100.00	5,096.68	5,094.01	11.33	11.43	-51.77	81.98	-104.08	132.63	110.03	22.60	5.870	
5,200.00	5,200.00	5,196.57	5,193.80	11.56	11.66	-51.39	85.50	-107.06	137.15	114.11	23.04	5.951	
5,300.00	5,300.00	5,296.46	5,293.58	11.78	11.90	-51.03	89.01	-110.04	141.68	118.18	23.49	6.030	
5,400.00	5,400.00	5,396.36	5,393.37	12.01	12.13	-50.69	92.53	-113.01	146.21	122.27	23.94	6.106	
5,500.00	5,500.00	5,496.25	5,493.16	12.23	12.37	-50.37	96.04	-115.99	150.75	126.35	24.39	6.180	
5,600.00	5,600.00	5,596.14	5,592.94	12.46	12.60	-50.07	99.56	-118.96	155.29	130.45	24.84	6.251	
5,700.00	5,700.00	5,696.04	5,692.73	12.68	12.84	-49.79	103.08	-121.94	159.83	134.54	25.29	6.319	
5,800.00	5,800.00	5,795.93	5,792.52	12.91	13.07	-49.53	106.59	-124.92	164.38	138.64	25.74	6.386	
5,900.00	5,900.00	5,895.83	5,892.31	13.13	13.31	-49.27	110.11	-127.89	168.94	142.74	26.19	6.450	
6,000.00	6,000.00	5,995.72	5,992.09	13.36	13.54	-49.03	113.62	-130.87	173.49	146.85	26.64	6.512	
6,100.00	6,100.00	6,095.61	6,091.88	13.58	13.78	-48.81	117.14	-133.84	178.05	150.96	27.09	6.572	
6,200.00	6,200.00	6,195.51	6,191.67	13.81	14.01	-48.59	120.65	-136.82	182.61	155.07	27.54	6.630	
6,300.00	6,300.00	6,295.40	6,291.46	14.03	14.25	-48.39	124.17	-139.80	187.17	159.18	27.99	6.686	
6,400.00	6,400.00	6,395.29	6,391.24	14.25	14.48	-48.19	127.69	-142.77	191.74	163.30	28.44	6.741	
6,500.00	6,500.00	6,495.19	6,491.03	14.48	14.72	-48.01	131.20	-145.75	196.31	167.41	28.89	6.794	
6,600.00	6,600.00	6,595.08	6,590.82	14.70	14.95	-47.83	134.72	-148.72	200.88	171.53	29.34	6.846	
6,700.00	6,700.00	6,694.97	6,690.61	14.93	15.19	-47.66	138.23	-151.70	205.45	175.66	29.79	6.896	
6,800.00	6,800.00	6,794.87	6,790.39	15.15	15.43	-47.50	141.75	-154.67	210.02	179.78	30.24	6.944	
6,900.00	6,900.00	6,894.76	6,890.18	15.38	15.66	-47.34	145.27	-157.65	214.60	183.90	30.69	6.991	
7,000.00	7,000.00	6,994.66	6,989.97	15.60	15.90	-47.19	148.78	-160.63	219.17	188.03	31.15	7.037	
7,100.00	7,100.00	7,094.55	7,089.76	15.83	16.14	-47.05	152.30	-163.60	223.75	192.16	31.60	7.082	
7,200.00	7,200.00	7,194.44	7,189.54	16.05	16.37	-46.91	155.81	-166.58	228.33	196.29	32.05	7.125	
7,300.00	7,300.00	7,294.34	7,289.33	16.28	16.61	-46.78	159.33	-169.55	232.91	200.42	32.50	7.167	
7,400.00	7,400.00	7,394.23	7,389.12	16.50	16.85	-46.65	162.84	-172.53	237.49	204.55	32.95	7.208	
7,500.00	7,500.00	7,494.12	7,488.90	16.73	17.08	-46.53	166.36	-175.51	242.08	208.68	33.40	7.248	
7,600.00	7,600.00	7,594.02	7,588.69	16.95	17.32	-46.42	169.88	-178.48	246.66	212.81	33.85	7.287	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED: Oct. 16, 2012

Weatherford

Weatherford International Ltd.

Anticollision Report

Weatherford

Company:	NEWFIELD EXPLORATION CO.	**Local Co-ordinate Reference:**	Well 4-18-3-3WH
Project:	DUCHESNE COUNTY, UT	**TVD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Reference Site:	4-18-3-3WH	**MD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Site Error:	0.00 ft	**North Reference:**	True
Reference Well:	4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	4-18-3-3WH	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 4A-18-3-3WH - 4A-18-3-3WH - Wellbore #1 - Design #1

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7,700.00	7,700.00	7,693.91	7,688.48	17.18	17.56	-46.30	173.39	-181.46	251.25	216.95	34.30	7.325	
7,800.00	7,800.00	7,793.80	7,788.27	17.40	17.79	-46.19	176.91	-184.43	255.83	221.08	34.75	7.362	
7,900.00	7,900.00	7,893.70	7,888.05	17.63	18.03	-46.09	180.42	-187.41	260.42	225.22	35.20	7.398	
8,000.00	8,000.00	7,993.59	7,987.84	17.85	18.27	-45.99	183.94	-190.39	265.01	229.35	35.65	7.433	
8,100.00	8,100.00	8,093.49	8,087.63	18.08	18.50	-45.89	187.45	-193.36	269.59	233.49	36.10	7.467	
8,200.00	8,200.00	8,193.38	8,187.42	18.30	18.74	-45.79	190.97	-196.34	274.18	237.63	36.55	7.501	
8,300.00	8,300.00	8,293.27	8,287.20	18.53	18.98	-45.70	194.49	-199.31	278.77	241.77	37.00	7.534	
8,400.00	8,400.00	8,393.17	8,386.99	18.75	19.21	-45.61	198.00	-202.29	283.36	245.91	37.45	7.565	
8,500.00	8,500.00	8,493.06	8,486.78	18.97	19.45	-45.53	201.52	-205.26	287.95	250.05	37.91	7.597	
8,600.00	8,600.00	8,592.95	8,586.57	19.20	19.69	-45.44	205.03	-208.24	292.55	254.19	38.36	7.627	
8,700.00	8,700.00	8,692.85	8,686.35	19.42	19.93	-45.36	208.55	-211.22	297.14	258.33	38.81	7.657	
8,800.00	8,800.00	8,792.74	8,786.14	19.65	20.16	-45.29	212.06	-214.19	301.73	262.47	39.26	7.686	
8,900.00	8,900.00	8,892.63	8,885.93	19.87	20.40	-45.21	215.58	-217.17	306.32	266.61	39.71	7.714	
9,000.00	9,000.00	8,992.53	8,985.72	20.10	20.64	-45.14	219.10	-220.14	310.92	270.76	40.16	7.742	
9,100.00	9,100.00	9,092.42	9,085.50	20.32	20.88	-45.07	222.61	-223.12	315.51	274.90	40.61	7.769	
9,200.00	9,200.00	9,200.02	9,193.00	20.55	21.13	-45.03	226.10	-226.32	319.99	278.91	41.08	7.790	
9,300.00	9,300.00	9,372.17	9,362.01	20.77	21.35	-49.36	198.19	-230.88	310.53	268.97	41.56	7.472	
9,400.00	9,400.00	9,513.43	9,487.89	21.00	21.44	-59.96	135.11	-233.66	283.86	241.92	41.95	6.767	
9,500.00	9,500.00	9,616.98	9,566.99	21.22	21.49	-73.74	68.55	-235.03	253.82	211.53	42.29	6.001	
9,600.00	9,599.82	9,694.12	9,616.51	21.41	21.52	80.26	9.51	-235.64	235.63	193.07	42.56	5.537	
9,652.69	9,651.66	9,731.14	9,637.06	21.50	21.54	73.95	-21.28	-235.80	233.21	190.54	42.66	5.466	
9,700.00	9,697.19	9,763.06	9,652.98	21.58	21.57	68.24	-48.94	-235.87	235.04	192.36	42.67	5.508	
9,800.00	9,788.55	9,827.37	9,679.77	21.75	21.64	56.55	-107.36	-235.82	249.19	207.01	42.19	5.907	
9,900.00	9,870.55	9,888.56	9,698.39	21.92	21.79	46.17	-165.60	-235.53	272.57	231.83	40.74	6.690	
10,000.00	9,940.16	9,950.00	9,710.10	22.18	22.01	37.34	-225.88	-235.01	299.91	261.49	38.42	7.806	
10,100.00	9,994.85	10,000.00	9,714.34	22.53	22.24	31.17	-275.68	-234.42	327.34	291.47	35.86	9.127	
10,200.00	10,032.58	10,071.35	9,712.75	23.01	22.64	24.88	-346.97	-233.36	351.75	318.49	33.26	10.575	
10,300.00	10,051.99	10,165.06	9,708.07	23.61	23.28	19.45	-440.55	-231.88	364.96	333.48	31.49	11.592	
10,400.00	10,052.82	10,261.60	9,703.26	24.31	24.06	15.59	-536.96	-230.36	362.91	331.85	31.06	11.683	
10,500.00	10,047.81	10,359.27	9,698.38	25.08	24.96	12.36	-634.49	-228.82	357.72	326.81	30.91	11.574	
10,600.00	10,042.79	10,457.92	9,693.46	25.96	25.98	9.76	-733.01	-227.26	354.58	323.60	30.98	11.445	
10,700.00	10,037.76	10,557.29	9,688.50	26.94	27.10	7.89	-832.25	-225.70	352.86	321.58	31.28	11.280	
10,800.00	10,032.75	10,657.11	9,683.52	28.00	28.31	6.82	-931.92	-224.13	352.09	320.31	31.78	11.078	
10,900.00	10,027.75	10,757.09	9,678.53	29.14	29.60	6.50	-1,031.77	-222.55	351.90	319.43	32.46	10.840	
11,000.00	10,022.76	10,857.08	9,673.54	30.34	30.95	6.30	-1,131.63	-220.97	351.75	318.55	33.21	10.593	
11,100.00	10,017.77	10,957.07	9,668.55	31.61	32.36	6.09	-1,231.48	-219.40	351.62	317.62	34.00	10.343	
11,200.00	10,012.78	11,057.07	9,663.56	32.95	33.83	5.89	-1,331.34	-217.82	351.48	316.66	34.83	10.092	
11,300.00	10,007.78	11,157.06	9,658.57	34.33	35.33	5.68	-1,431.19	-216.25	351.36	315.66	35.70	9.843	
11,400.00	10,002.79	11,257.05	9,653.58	35.77	36.88	5.48	-1,531.05	-214.67	351.23	314.63	36.60	9.596	
11,500.00	9,997.80	11,357.04	9,648.59	37.25	38.46	5.27	-1,630.90	-213.10	351.11	313.57	37.54	9.353	
11,600.00	9,992.81	11,457.04	9,643.60	38.77	40.07	5.07	-1,730.76	-211.52	351.00	312.49	38.51	9.115	
11,700.00	9,987.81	11,557.03	9,638.61	40.33	41.71	4.87	-1,830.61	-209.94	350.89	311.39	39.50	8.883	
11,800.00	9,982.82	11,657.02	9,633.62	41.91	43.37	4.66	-1,930.47	-208.37	350.78	310.26	40.52	8.657	
11,900.00	9,977.83	11,757.01	9,628.63	43.52	45.05	4.46	-2,030.32	-206.79	350.68	309.12	41.56	8.438	
12,000.00	9,972.84	11,857.00	9,623.64	45.16	46.75	4.25	-2,130.18	-205.22	350.58	307.96	42.62	8.225	
12,100.00	9,967.84	11,957.00	9,618.65	46.82	48.47	4.04	-2,230.03	-203.64	350.49	306.78	43.71	8.019	
12,200.00	9,962.85	12,056.99	9,613.66	48.49	50.20	3.84	-2,329.89	-202.07	350.40	305.59	44.81	7.820	
12,300.00	9,957.86	12,156.98	9,608.67	50.19	51.95	3.63	-2,429.74	-200.49	350.32	304.39	45.93	7.628	
12,400.00	9,952.87	12,256.97	9,603.68	51.90	53.71	3.43	-2,529.60	-198.92	350.24	303.18	47.06	7.442	
12,500.00	9,947.88	12,356.96	9,598.69	53.62	55.48	3.22	-2,629.45	-197.34	350.16	301.95	48.21	7.263	
12,600.00	9,942.88	12,456.96	9,593.70	55.36	57.26	3.02	-2,729.31	-195.76	350.09	300.72	49.37	7.091	
12,700.00	9,937.89	12,556.95	9,588.71	57.11	59.05	2.81	-2,829.16	-194.19	350.03	299.48	50.55	6.924	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

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Weatherford

Weatherford International Ltd.

Anticollision Report

Weatherford

Company:	NEWFIELD EXPLORATION CO.	**Local Co-ordinate Reference:**	Well 4-18-3-3WH
Project:	DUCHESNE COUNTY, UT	**TVD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Reference Site:	4-18-3-3WH	**MD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Site Error:	0.00 ft	**North Reference:**	True
Reference Well:	4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	4-18-3-3WH	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 4A-18-3-3WH - 4A-18-3-3WH - Wellbore #1 - Design #1

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
12,800.00	9,932.90	12,656.94	9,583.72	58.87	60.84	2.60	-2,929.02	-192.61	349.97	298.22	51.74	6.764	
12,900.00	9,927.91	12,756.93	9,578.73	60.63	62.65	2.40	-3,028.87	-191.04	349.91	296.97	52.94	6.609	
13,000.00	9,922.91	12,856.92	9,573.74	62.41	64.46	2.19	-3,128.73	-189.46	349.86	295.70	54.16	6.460	
13,100.00	9,917.92	12,956.92	9,568.75	64.20	66.28	1.99	-3,228.58	-187.89	349.81	294.43	55.38	6.316	
13,200.00	9,912.93	13,056.91	9,563.76	65.99	68.10	1.78	-3,328.44	-186.31	349.77	293.15	56.62	6.178	
13,300.00	9,907.94	13,156.90	9,558.77	67.79	69.93	1.57	-3,428.29	-184.73	349.73	291.86	57.86	6.044	
13,400.00	9,902.95	13,256.89	9,553.78	69.60	71.77	1.37	-3,528.15	-183.16	349.69	290.57	59.12	5.915	
13,500.00	9,897.95	13,356.88	9,548.79	71.41	73.61	1.16	-3,628.00	-181.58	349.66	289.28	60.39	5.790	
13,600.00	9,892.96	13,456.88	9,543.80	73.23	75.45	0.95	-3,727.86	-180.01	349.64	287.97	61.67	5.670	
13,700.00	9,887.97	13,556.87	9,538.81	75.06	77.30	0.75	-3,827.71	-178.43	349.62	286.67	62.95	5.554	
13,800.00	9,882.98	13,656.86	9,533.82	76.88	79.15	0.54	-3,927.57	-176.86	349.60	285.35	64.25	5.441	
13,900.00	9,877.98	13,756.85	9,528.83	78.72	81.01	0.33	-4,027.42	-175.28	349.59	284.04	65.56	5.333	
14,000.00	9,872.99	13,856.84	9,523.84	80.55	82.87	0.13	-4,127.28	-173.70	349.59	282.71	66.87	5.228	
14,059.92	9,870.00	13,916.76	9,520.85	81.66	83.98	0.00	-4,187.11	-172.76	349.58	281.92	67.67	5.166	

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Anticollision Report

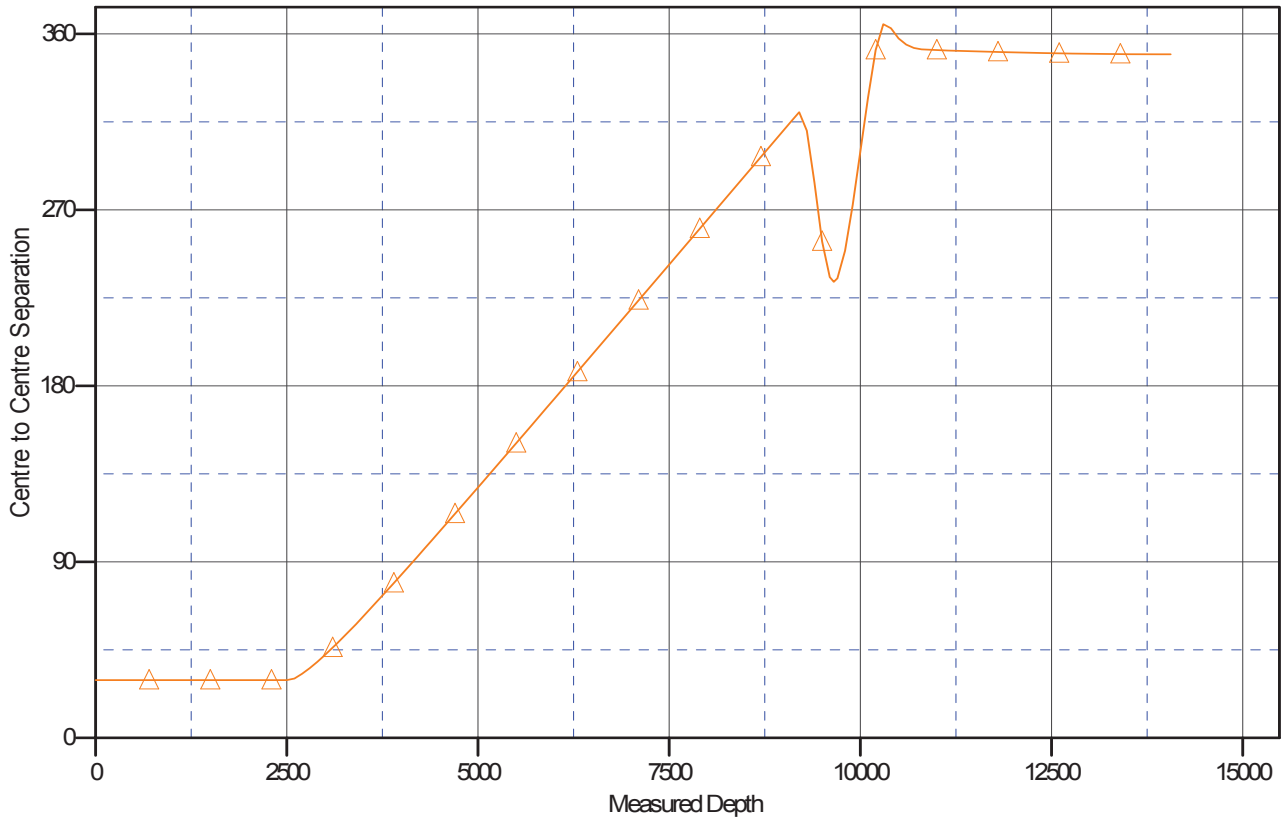
Weatherford

Company:	NEWFIELD EXPLORATION CO.	**Local Co-ordinate Reference:**	Well 4-18-3-3WH
Project:	DUCHESNE COUNTY, UT	**TVD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Reference Site:	4-18-3-3WH	**MD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Site Error:	0.00 ft	**North Reference:**	True
Reference Well:	4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	4-18-3-3WH	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 5521.50ft (Pioneer 68)
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: 4-18-3-3WH
Coordinate System is US State Plane 1983, Utah Central Zone
Grid Convergence at Surface is: 0.79°

Ladder Plot



LEGEND

4A-18-3-3WH, Wellbore #1, Design #1 V0

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

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Weatherford International Ltd.

Anticollision Report

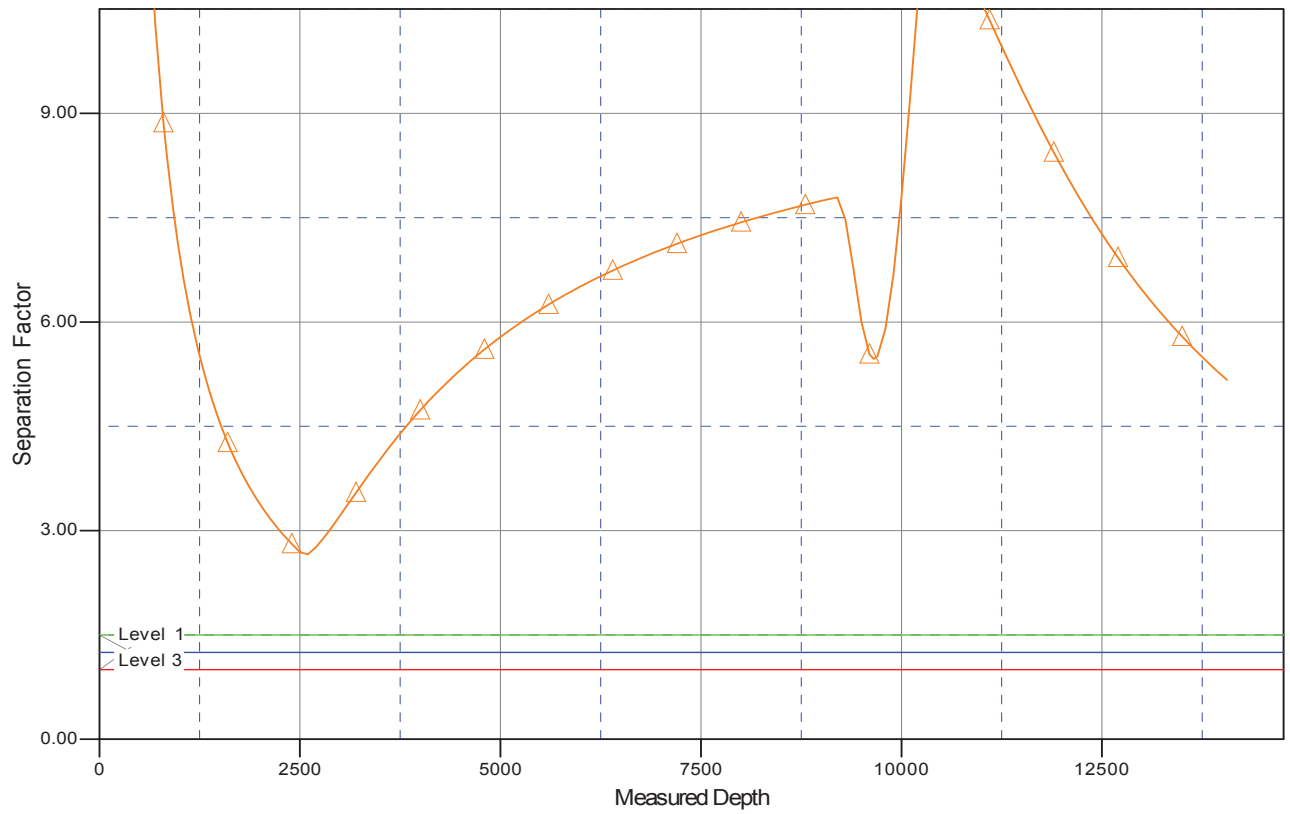
Weatherford

Company:	NEWFIELD EXPLORATION CO.	**Local Co-ordinate Reference:**	Well 4-18-3-3WH
Project:	DUCHESNE COUNTY, UT	**TVD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Reference Site:	4-18-3-3WH	**MD Reference:**	WELL @ 5521.50ft (Pioneer 68)
Site Error:	0.00 ft	**North Reference:**	True
Reference Well:	4-18-3-3WH	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	4-18-3-3WH	**Database:**	EDM 5000.1 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 5521.50ft (Pioneer 68)
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: 4-18-3-3WH
Coordinate System is US State Plane 1983, Utah Central Zone
Grid Convergence at Surface is: 0.79°

Separation Factor Plot



LEGEND

4A-18-3-3WH, Wellbore #1, Design #1 V0

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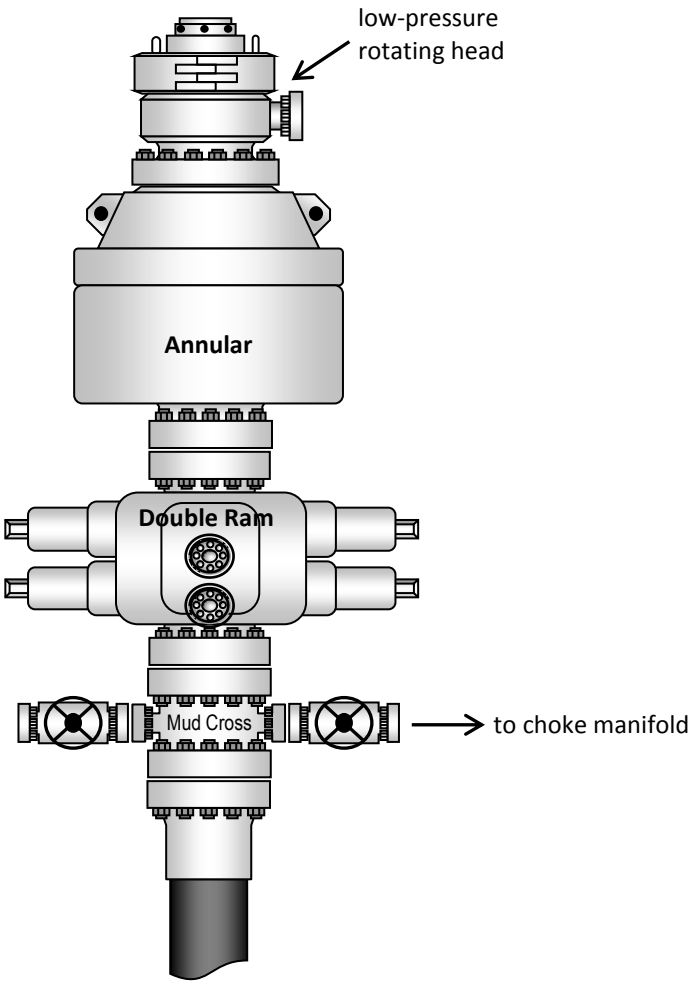
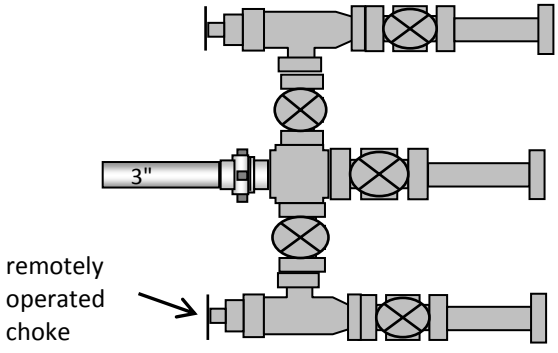
Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



RECEIVED: Oct. 16, 2012

NEWFIELD
ROCKY MOUNTAINS

October 11, 2012

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
P O Box 145801
Salt Lake City, UT 84114

RE: **Ute Tribal 4-18-3-3WH & Ute Tribal 4A-18-3-3WH**
Section 18, T3S, R3W
Duchesne County, Utah

Dear Mr. Hill,

Newfield Production Company ("Newfield") proposes to drill the Ute Tribal 4-18-3-3WH and the Ute Tribal 4A-18-3-3WH on the same well pad, from a surface location of 188' FNL & 988' FWL of Section 18, T3S, R3W. Newfield shall case and cement the wellbores from the surface location to the point where the wellbores reaches the legal setback of 660' FNL & 660' FWL of Section 18, T3S, R3W. The cased and cemented portion of the wellbores shall not be perforated nor produced. In the event a future recompletion into the cased and cemented portion of the wellbore is proposed, Newfield shall file the appropriate application with the State.

The proposed horizontal laterals of the Ute Tribal 4-18-3-3WH and the Ute Tribal 4A-18-3-3WH shall be drilled from north to south along the 660' FWL of Section 18 legal setback to a bottom hole location 600' FSL & 660' FWL of Section 18. In the event the horizontal laterals drift west, this letter shall serve as consent to the exception location as Newfield is the operator of the offset well in Section 13, T3S, R4W.

Please be advised the Ute Tribal 4-18-3-3WH and the Ute Tribal 4A-18-3-3WH shall be completed in the Wasatch formation. The horizontal laterals will be approximately 400' apart in depth. In addition, portions of the laterals will be closer than 1320' from the proposed NFX 5-18-3-3W wellbore. The NFX 5-18-3-3W is scheduled to spud in November of 2012. Please note the NFX 5-18-3-3W shall not be completed as a producing well.

Due to these circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Ute Tribal 4-18-3-3WH and the Ute Tribal 4A-18-3-3WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-685-8025 or by email at jdembeck@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

Jessica K. Dembeck
Land Associate

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number UTE TRIBAL 4-18-3-3W
Qtr/Qtr NW/NW Section 18 Township 3S Range 3W
Lease Serial Number 1420H626388
API Number 43-013-51322

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 11/26/12 12:00 AM ☐ PM ☒

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 11/26/12 4:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	18832	4301351517	NFX 5-18-3-3-W SWD	SWNE	18	3S	3W	DUCHESNE	11/8/2012	12/10/12
WELL 1 COMMENTS: WSTC BHL: SWNE										CONFIDENTIAL	
ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400	4301351461	GMBU R-29-8-17	SESW	29	8S	17E	DUCHESNE	12/6/2012	12/10/12
GRRV BHL: NWSE											—
ACTION B	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
B	99999	17400	4301351020	GMBU Q-29-8-17	SESW	29	8S	17E	DUCHESNE	12/6/2012	12/10/12
GRRV BHL: NWSW											—
ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	18833	4301351322	UTE TRIBAL 4-18-3-3WH	NWNW	18	3S	3W	DUCHESNE	11/26/2012	12/10/12
WSTC BHL: SWSW										CONFIDENTIAL	
ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	18834	4301351802	UTE TRIBAL 4A-18-3-3WH	NWNW	18	3S	3W	DUCHESNE	12/4/2012	12/10/12
WSTC BHL: SWSW											CONFIDENTIAL

A - Establish new entity for new well (single well only)
B - Add new well to existing entity (group or unit well)
C - Re-assign well from one existing entity to another existing entity
D - Re-assign well from one existing entity to a new entity
E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

Tasha Robison
Signature

Production Clerk 12/05/12

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Div. of Oil, Gas & Mining

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Operator:	**Newfield Production Company**
Well Name:	**Ute Tribal 4-18-3-3WH**
Rig:	**Pioneer #68**
Legals:	**188' FNL, 988' FWL, NW/NW Section 18, T3S, R3W**
	Duchesne County, Utah
API #:	**43013513220000**
Contact:	**See Below**

Run and cement 9 5/8" intermediate casing. Drilled 12 ¼" hole to 6010'. Run casing to TD, Cement Time approximately 1400 hrs. 12/27/12

Thanks
Roy Joiner
Drilling supervisor
970-361-3263

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DIV. OF OIL, GAS & MINING

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FORM 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31,2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
FEE

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
UINTA CB-WASATCH HORZ

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
UTE TRIBAL 4-18-3-3WH

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301351322

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
UINTA CENTRAL BASIN

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
0351 FNL 0949 FWL
NWNW Section 18 T3S R3W

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Spud Notice
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to Injector	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/27/12 MIRU Ross #31. Spud well @12:00 AM. Drill 60' of 17 1/2" hole with air mist. TIH W/ 2 Jt's 14" H-40 36.75# csgn. Set @ 78 . On 11/27/12 cement with 90 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 4 barrels cement to pit. WOC.

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JAN 0 8 2013
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Branden Arnold

Title

Signature
Brad Mecham

Date
12/13/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

Casing / Liner Detail

Well	Ute Tribal 4-18-3-3WH
Prospect	Central Basin
Foreman	
Run Date:	
String Type	Surface, 13.375", 54.5#, J-55, STC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
1,015.57			18" KB		
18.00	1.42		Wellhead		
19.42	947.26	21	13 3/8 Casing	13.375	
966.68	1.47		Float collor	13.375	
968.15	45.52	1	Shoe Joint	13.375	
1,013.67	1.90	1	Guide Shoe	13.375	
1,015.57			-		

Cement Detail

Cement Company:

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft^3)	Description - Slurry Class and Additives
Slurry 1	983	15.8	1.17	1150.11	Class G+2%kcl+.25#CF

tab-In-Job?	
HT:	0
itial Circulation Pressure:	
itial Circulation Rate:	
inal Circulation Pressure:	
inal Circulation Rate:	
isplacement Fluid:	Water
isplacement Rate:	
isplacement Volume:	148
lud Returns:	
entralizer Type And Placement:	

iddle of first, top of second and eery other for a total of six

Cement To Surface?	
Est. Top of Cement:	0
Plugs Bumped?	
Pressure Plugs Bumped:	1019
Floats Holding?	
Casing Stuck On / Off Bottom?	
Casing Reciprocated?	
Casing Rotated?	
CIP:	1:52
Casing Wt Prior To Cement:	
Casing Weight Set On Slips:	

API Well Number: 43013513220000

PBTVD 9903'
BHL 772' FWL

Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. 1420H626388

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other:

6. If Indian, Allottee or Tribe Name: UINTAH AND OURAY

7. Unit or CA Agreement Name and No.

2. Name of Operator: NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.: UTE TRIBAL 4-18-3-3WH

3. Address: ROUTE #3 BOX 3630, MYTON, UT 84052

3a. Phone No. (include area code): Ph:435-646-3721

9. API Well No.: 43-013-51322

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: 351' FNL 949' FWL (NW/NW, LOT#1) SEC 18 T3S R3W

At top prod. interval reported below: 896' FNL 561' FWL (NW/NW, LOT#1) SEC 18 T3S R3W

At total depth: 710' FSL 483' FWL (SW/SW, LOT#4) SEC 18 T3S R3W

10. Field and Pool or Exploratory: UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area: SEC 18 T3S R3W Mer UBM
SME: FEE

12. County or Parish: DUCHESNE

13. State: UT

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
11/27/2012	01/31/2013	☐ D & A ☑ Ready to Prod. 07/30/2013	5502' GL 5520' KB

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 14030' TVD 9903'	MD 13970' TVD	MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
19-1/2"	13-3/8" J-55	54.5	0'	1016'		983 CLASS G			
12-5/8"	9-5/8" J-55	40	0'	5985"		1010 Bondcem		1180'	
						1330 Versacem			
8-7/8"	7" P-110	26	0'	10417"		600 Bond Cem			
						580 Econocem			
6-1/8"	4.5" P-110	13.5	9432'	14020'		432 Elastaseal			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@9915'	XN@9914'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	10385'	13922'	10385' - 13922' MD	0.34	537	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
10385' - 13922' MD	Frac w/ 3140134#s of 30/50 sand in 67270 bbls of Lightning 20 fluid, in 16 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/20/13	6/30/13	24	→	527	0	580			Gas Lift

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MARK	6699'
				GARDEN GULCH 1	6987'
				DOUGLAS CREEK MRK	7826'
				BI CARBONATE MRK	8099'
				CASTLE PEAK	8788'
				BASAL CARBONATE	9109'
				WASATCH	9269'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Heather Calder Title Regulatory Technician

Signature Heather Calder Date 01/24/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

RECEIVED: Jan. 28, 2014

SURVEY REPORT

Weatherford®

Report Date: **1/24/2013**
Customer: **Newfield**
Job Name: **4028178**
Well Name: **Ute Tribal 4-18-3-3WH**

Field: **Central Basin**
Rig: **Pioneer 68**
Rig Loc: **Dushesne County**

Survey Calculation Method: **Minimum Curvature**

Magnetic Reference	Target Direction	Total Magnetic Field	Magnetic Dip Angle	Magnetic Declination	Grid Convergence	Total Correction
True North	**182.35 deg**	**52130 nT**	**65.84 deg**	**11.27 deg**	**0.00 deg**	**11.27 deg**

Survey Tie-On	Depth	INC	AZ	TVD	NS	EW
	959.00 ft	**0.04 deg**	**101.91 deg**	**958.98 ft**	**-2.72 ft**	**-1.72 ft**

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
1053.00	0.88	62.44	1052.98	-2.39	-1.05	2.43	0.90
1115.00	0.99	64.65	1114.97	-1.94	-0.14	1.95	0.19
1177.00	0.99	62.99	1176.96	-1.47	0.82	1.44	0.05
1239.00	0.93	64.70	1238.95	-1.01	1.75	0.94	0.11
1301.00	0.85	69.58	1300.94	-0.64	2.64	0.53	0.18
1439.00	0.85	75.51	1438.93	-0.02	4.59	-0.16	0.06
1548.00	0.84	79.19	1547.92	0.33	6.16	-0.58	0.05
1672.00	0.78	84.26	1671.90	0.58	7.89	-0.91	0.08
1796.00	0.98	88.30	1795.89	0.70	9.79	-1.10	0.17
1922.00	1.34	117.69	1921.86	0.05	12.17	-0.55	0.54
2049.00	0.82	221.24	2048.85	-1.33	12.89	0.80	1.36
2172.00	1.44	207.56	2171.82	-3.36	11.59	2.88	0.55
2296.00	1.29	264.30	2295.79	-4.88	9.48	4.49	1.05
2420.00	1.00	51.70	2419.78	-4.35	8.94	3.98	1.77
2544.00	1.38	184.05	2543.77	-5.17	9.68	4.76	1.76
2669.00	1.13	291.57	2668.76	-6.21	8.43	5.86	1.62
2794.00	1.15	292.26	2793.73	-5.29	6.12	5.03	0.02
2919.00	0.53	290.86	2918.72	-4.60	4.42	4.42	0.50
3046.00	0.41	230.50	3045.71	-4.68	3.52	4.54	0.38
3172.00	0.89	186.07	3171.70	-5.94	3.07	5.81	0.53
3298.00	0.51	269.20	3297.70	-6.93	2.41	6.82	0.77
3424.00	1.44	320.23	3423.68	-5.72	0.83	5.68	0.94
3549.00	0.82	314.60	3548.66	-3.88	-0.81	3.91	0.50
3674.00	0.88	282.71	3673.64	-3.04	-2.38	3.14	0.38
3799.00	1.29	248.90	3798.62	-3.34	-4.63	3.52	0.59
3923.00	0.82	326.79	3922.60	-3.10	-6.42	3.36	1.11
4047.00	1.80	12.66	4046.57	-0.45	-6.48	0.72	1.10
4171.00	2.22	42.72	4170.50	3.21	-4.42	-3.03	0.90
4296.00	1.83	65.22	4295.42	5.83	-0.97	-5.78	0.70
4422.00	0.53	65.72	4421.39	6.91	1.39	-6.96	1.03
4546.00	0.49	45.09	4545.39	7.52	2.29	-7.61	0.15
4671.00	0.38	109.55	4670.39	7.76	3.06	-7.88	0.38
4796.00	0.60	139.13	4795.38	7.12	3.88	-7.28	0.26
4920.00	1.19	168.95	4919.37	5.37	4.55	-5.55	0.59
5045.00	0.91	245.52	5044.35	3.68	3.90	-3.84	1.06

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Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
5170.00	1.05	249.09	5169.33	2.86	1.92	-2.94	0.12
5297.00	1.35	336.06	5296.31	3.82	0.23	-3.82	1.31
5422.00	1.55	341.15	5421.27	6.76	-0.92	-6.72	0.19
5547.00	1.35	277.04	5546.24	8.54	-2.92	-8.41	1.24
5672.00	1.54	335.85	5671.21	10.25	-5.07	-10.04	1.14
5797.00	1.63	337.01	5796.16	13.42	-6.45	-13.15	0.08
5922.00	1.85	336.62	5921.10	16.91	-7.95	-16.57	0.18
5954.00	1.80	341.39	5953.09	17.86	-8.31	-17.51	0.50
6062.00	1.54	329.10	6061.04	20.72	-9.60	-20.30	0.41
6187.00	0.95	326.89	6186.01	23.03	-11.03	-22.55	0.47
6312.00	0.72	278.89	6311.00	24.01	-12.37	-23.49	0.57
6437.00	0.55	245.17	6435.99	23.88	-13.69	-23.30	0.32
6562.00	0.89	228.82	6560.98	22.99	-14.97	-22.36	0.32
6685.00	1.25	215.06	6683.96	21.27	-16.46	-20.57	0.36
6810.00	1.61	204.14	6808.92	18.55	-17.96	-17.80	0.36
6936.00	1.22	224.24	6934.88	15.97	-19.62	-15.15	0.50
7060.00	1.63	215.94	7058.84	13.60	-21.57	-12.70	0.37
7185.00	0.94	242.71	7183.81	11.69	-23.53	-10.71	0.72
7310.00	1.44	231.17	7308.79	10.23	-25.66	-9.17	0.44
7436.00	0.16	297.68	7434.77	9.32	-27.05	-8.20	1.10
7562.00	0.43	199.57	7560.77	8.96	-27.37	-7.83	0.38
7686.00	0.63	215.55	7684.76	7.97	-27.92	-6.81	0.20
7810.00	0.35	273.41	7808.76	7.43	-28.69	-6.25	0.43
7934.00	0.22	223.97	7932.76	7.28	-29.24	-6.08	0.21
8058.00	0.55	193.61	8056.76	6.53	-29.54	-5.32	0.30
8182.00	0.77	201.74	8180.75	5.18	-29.99	-3.95	0.19
8306.00	1.19	67.11	8304.74	4.91	-29.11	-3.71	1.46
8431.00	0.95	49.75	8429.72	6.08	-27.13	-4.97	0.32
8555.00	0.91	47.52	8553.70	7.41	-25.62	-6.36	0.04
8678.00	0.66	101.03	8676.69	7.94	-24.20	-6.94	0.60
8804.00	1.46	133.79	8802.67	6.69	-22.33	-5.77	0.77
8928.00	0.36	187.11	8926.65	5.21	-21.24	-4.33	1.03
9054.00	0.10	259.28	9052.65	4.79	-21.39	-3.91	0.27
9179.00	0.70	168.30	9177.65	4.03	-21.35	-3.15	0.57
9303.00	1.46	166.05	9301.63	1.75	-20.81	-0.90	0.61
9428.00	1.64	180.75	9426.58	-1.58	-20.45	2.42	0.35
9451.00	1.60	170.94	9449.57	-2.23	-20.41	3.06	1.22
9488.00	1.99	178.79	9486.55	-3.38	-20.31	4.21	1.24
9519.00	4.33	193.90	9517.50	-5.06	-20.58	5.90	7.95
9550.00	7.57	200.69	9548.33	-8.10	-21.58	8.98	10.68
9581.00	10.88	194.03	9578.93	-12.85	-23.01	13.79	11.20
9613.00	13.81	188.00	9610.19	-19.57	-24.28	20.55	9.99
9644.00	15.84	184.48	9640.15	-27.45	-25.12	28.46	7.16
9675.00	16.49	183.14	9669.93	-36.06	-25.69	37.08	2.42
9706.00	18.69	183.06	9699.48	-45.41	-26.20	46.45	7.10
9737.00	21.22	183.22	9728.61	-55.98	-26.78	57.03	8.16
9768.00	24.13	185.21	9757.22	-67.89	-27.67	68.97	9.71
9800.00	26.30	186.25	9786.16	-81.45	-29.04	82.58	6.92
9831.00	29.05	186.74	9813.62	-95.76	-30.67	96.94	8.90
9862.00	33.08	187.20	9840.16	-111.63	-32.61	112.88	13.02

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Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
9893.00	35.96	187.79	9865.70	-129.05	-34.91	130.37	9.35
9924.00	39.76	187.61	9890.17	-147.90	-37.46	149.31	12.26
9955.00	43.67	187.24	9913.31	-168.35	-40.12	169.85	12.64
9986.00	46.58	187.18	9935.18	-190.14	-42.88	191.74	9.39
10017.00	49.96	187.72	9955.81	-213.08	-45.88	214.78	10.98
10048.00	51.47	187.80	9975.44	-236.85	-49.12	238.67	4.88
10079.00	54.45	187.67	9994.11	-261.37	-52.45	263.30	9.62
10111.00	57.89	188.09	10011.92	-287.70	-56.09	289.75	10.81
10142.00	62.91	187.92	10027.23	-314.38	-59.84	316.57	16.20
10174.00	67.25	188.42	10040.71	-343.10	-63.97	345.43	13.64
10205.00	71.49	188.86	10051.63	-371.77	-68.33	374.26	13.74
10237.00	76.31	189.44	10060.50	-402.12	-73.22	404.78	15.16
10269.00	78.66	190.40	10067.44	-432.89	-78.60	435.75	7.91
10300.00	82.22	190.54	10072.58	-462.94	-84.15	466.00	11.49
10331.00	87.27	190.52	10075.42	-493.28	-89.79	496.55	16.29
10363.00	91.19	190.01	10075.85	-524.76	-95.49	528.24	12.35
10384.00	92.10	190.16	10075.25	-545.43	-99.17	549.04	4.39
10435.00	93.71	190.02	10072.66	-595.57	-108.09	599.51	3.17
10498.00	93.08	187.89	10068.93	-657.69	-117.88	661.97	3.52
10561.00	92.41	185.81	10065.92	-720.17	-125.39	724.70	3.47
10625.00	92.29	185.10	10063.29	-783.82	-131.47	788.56	1.12
10688.00	93.09	185.45	10060.34	-846.49	-137.25	851.40	1.39
10752.00	92.71	185.86	10057.10	-910.09	-143.55	915.21	0.87
10815.00	92.16	184.73	10054.42	-972.77	-149.36	978.07	1.99
10878.00	92.53	183.38	10051.84	-1035.56	-153.81	1040.99	2.22
10941.00	92.22	182.78	10049.23	-1098.41	-157.19	1103.93	1.07
11005.00	92.35	181.32	10046.68	-1162.32	-159.48	1167.88	2.29
11068.00	91.48	180.02	10044.57	-1225.28	-160.21	1230.81	2.48
11131.00	93.02	184.58	10042.10	-1288.16	-162.74	1293.75	7.63
11195.00	93.08	185.22	10038.69	-1351.83	-168.20	1357.59	1.00
11258.00	92.59	183.19	10035.58	-1414.58	-172.81	1420.48	3.31
11321.00	91.32	184.39	10033.43	-1477.41	-176.97	1483.42	2.77
11345.00	89.75	185.40	10033.21	-1501.32	-179.02	1507.39	7.78
11377.00	87.04	186.70	10034.10	-1533.12	-182.39	1539.31	9.39
11408.00	87.41	185.71	10035.60	-1563.90	-185.74	1570.20	3.41
11440.00	89.57	184.26	10036.45	-1595.77	-188.52	1602.16	8.13
11472.00	90.68	183.41	10036.38	-1627.70	-190.66	1634.15	4.37
11503.00	91.42	183.15	10035.81	-1658.64	-192.43	1665.14	2.53
11535.00	92.71	182.38	10034.65	-1690.58	-193.97	1697.11	4.69
11567.00	92.90	181.06	10033.09	-1722.53	-194.93	1729.07	4.16
11598.00	92.53	180.49	10031.62	-1753.49	-195.35	1760.03	2.19
11630.00	92.41	180.71	10030.24	-1785.46	-195.69	1791.98	0.78
11662.00	94.32	179.82	10028.36	-1817.40	-195.83	1823.90	6.58
11693.00	94.70	179.45	10025.93	-1848.30	-195.64	1854.77	1.71
11725.00	94.76	179.40	10023.29	-1880.19	-195.32	1886.62	0.24
11756.00	94.26	179.37	10020.85	-1911.10	-194.99	1917.48	1.62
11788.00	93.82	179.51	10018.59	-1943.01	-194.67	1949.36	1.44
11819.00	93.34	179.13	10016.66	-1973.95	-194.31	1980.26	1.97
11851.00	95.31	178.76	10014.25	-2005.85	-193.72	2012.11	6.26
11883.00	95.06	178.36	10011.35	-2037.71	-192.92	2043.91	1.47

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Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
11914.00	95.19	178.27	10008.58	-2068.58	-192.01	2074.71	0.51
11946.00	95.38	178.58	10005.64	-2100.43	-191.13	2106.50	1.13
11978.00	95.32	178.25	10002.65	-2132.28	-190.25	2138.28	1.04
12009.00	95.00	178.07	9999.87	-2163.13	-189.26	2169.08	1.18
12041.00	94.32	178.50	9997.27	-2195.01	-188.31	2200.89	2.51
12072.00	93.33	177.53	9995.20	-2225.93	-187.24	2231.73	4.47
12102.00	93.52	177.53	9993.41	-2255.84	-185.95	2261.57	0.63
12135.00	94.13	177.50	9991.20	-2288.74	-184.52	2294.38	1.85
12167.00	94.32	177.34	9988.85	-2320.62	-183.08	2326.18	0.78
12198.00	94.32	177.52	9986.51	-2351.50	-181.70	2356.97	0.58
12229.00	93.77	177.34	9984.32	-2382.39	-180.31	2387.78	1.87
12292.00	92.28	176.65	9981.00	-2445.22	-177.01	2450.42	2.61
12356.00	91.85	176.57	9978.69	-2509.06	-173.23	2514.06	0.68
12387.00	92.28	176.99	9977.58	-2539.99	-171.49	2544.89	1.94
12419.00	91.91	176.70	9976.41	-2571.92	-169.73	2576.72	1.47
12451.00	92.96	177.34	9975.05	-2603.85	-168.07	2608.55	3.84
12482.00	93.21	177.97	9973.38	-2634.78	-166.80	2639.40	2.18
12545.00	92.03	177.72	9970.50	-2697.67	-164.43	2702.14	1.91
12609.00	93.34	178.07	9967.50	-2761.55	-162.09	2765.88	2.12
12672.00	92.28	178.48	9964.41	-2824.45	-160.19	2828.64	1.80
12735.00	92.84	179.31	9961.60	-2887.37	-158.98	2891.46	1.59
12798.00	93.89	179.56	9957.90	-2950.26	-158.36	2954.27	1.71
12862.00	94.32	179.76	9953.32	-3014.09	-157.98	3018.04	0.74
12925.00	94.69	179.87	9948.37	-3076.90	-157.78	3080.78	0.61
12988.00	94.85	179.81	9943.13	-3139.68	-157.60	3143.50	0.27
13052.00	94.82	179.76	9937.74	-3203.45	-157.36	3207.21	0.09
13115.00	95.00	179.64	9932.35	-3266.22	-157.03	3269.91	0.34
13178.00	93.77	180.20	9927.53	-3329.03	-156.94	3332.67	2.14
13242.00	93.26	181.04	9923.60	-3392.91	-157.64	3396.52	1.53
13305.00	89.81	181.72	9921.92	-3455.86	-159.15	3459.48	5.58
13337.00	89.82	182.10	9922.02	-3487.84	-160.22	3491.48	1.19
13369.00	89.57	182.23	9922.19	-3519.82	-161.43	3523.48	0.88
13432.00	90.25	181.85	9922.29	-3582.78	-163.67	3586.47	1.24
13496.00	90.37	179.81	9921.94	-3646.77	-164.60	3650.45	3.19
13559.00	90.12	181.20	9921.67	-3709.76	-165.15	3713.41	2.24
13622.00	90.31	181.64	9921.44	-3772.74	-166.71	3776.40	0.76
13685.00	91.59	181.75	9920.39	-3835.70	-168.58	3839.39	2.04
13749.00	93.89	181.58	9917.33	-3899.60	-170.43	3903.31	3.60
13812.00	93.95	181.25	9913.03	-3962.43	-171.99	3966.15	0.53
13875.00	93.52	181.82	9908.92	-4025.28	-173.67	4029.01	1.13
13939.00	93.58	182.25	9904.96	-4089.11	-175.94	4092.89	0.68
13983.00	92.35	180.59	9902.68	-4133.04	-177.03	4136.82	4.69

Vertical Section is 4183.71 ft along the target direction of 182.35 deg at a measured depth of 14029.95 ft.
Horizontal Displacement is 4183.71 ft along the well bore azimuth of 182.43 deg.
The total correction is 11.27 deg relative to True North.

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Daily Activity Report

Format For Sundry

UTE TRIBAL 4-18-3-3WH

4/1/2013 To 8/30/2013

4/22/2013 Day: 2 **Completion**

Rigless on 4/22/2013 - Rig Up Vendors 10 K tubing head and Weatherford 10K BOP stack - Wellhead installed 10K 11" x 7-1/16" tubing head prepped for 7" casing with dual, double 1-13/16" outlets , 10K 7-1/16" man valve, 10K 7-1/16" blind rams shear rams and double 2-1/16" manual valves, 10K 7-1/16" pipe BOP with 2-3/8" rams, 10K 7-1/16" flowcross with dual, double 2-1/16" outlets, 10K 7-1/16" pipe BOP with 2-3/8" rams,7- 1/16 10 k to 7 -1/16 5 K DSA , 5K working pressure 7-1/16" annular preventer - No Activity - On Location Hold PJSM with All Vendors On Location ? Move in 4 Nabors Frac and 1 Zubiate 1 Dalbo Flowback Tanks for cleanout; Offload 2 Sets of Hammer pipe Racks, ? Acme hot shot deliver - FMC 10 K Valve , Western Well del Weatherford 10 k Stack, Weatherford has Stack rigged up on wellhead ? Plan Forward to pressure test Stack in the Morning
Daily Cost: $0
Cumulative Cost: $149,126

4/23/2013 Day: 3 **Completion**

Rigless on 4/23/2013 - Prep location and pressure test weatherford 10K BOP stack - No Activity, - PJSM, MIRU Western Well Workover Rig, Offload 2 3/8 PH-6 Workstring. - Weatherford pressure test stack as follows: top tubing rams, bottom tubing rams, blind shear rams, and 10K master valve per NFX guidelines. 2,000 psi low 15min, 10,000 psi high 15 min. Offload 460 jnts of 2 3/8 PH-6. Tubing will be cleaned and inspected this evening. - No Activity, Well Secure. Resume operations in the am @ 0600hrs.
Daily Cost: $0
Cumulative Cost: $200,616

4/24/2013 Day: 4 **Completion**

WWS #5 on 4/24/2013 - Run in hole and pull Halliburton 7 inch Plug at 5000 feet , pull out of hole , Rig up wire line and run CBL - - PJSM with , Weatherford, NFX, Rock Water, Western Well Service WOR , LOR ,Halliburton Discuss Pressure testing operations for Weatherford 10K BOP Stack with Blind Shear Rams. Review Sign and document JSA for work been performed , Discuss NFX Orientation and UTE Tribal and UTERO needed for all vendors on Location , Discuss Stop work Authority , FRC , Hand safety , Line Of Fire , Pinch points ,Smoking Policy , Pressure testing operations ,Evacuation procedures and Muster area Primary and Secondary . - Pipe Loaded on Catwalk, Currently doing Tally ? Plan Forward should be picking up Pipe and tool to run in and Retrieve Halliburton 7 Inch plug at Estimated 5,000 Feet - Western Well Services Running In hole with Halliburton Retrieving tool and 2 3/8 PH6 tubing to retrieve plug, Currently End of Tubing 3,300 Feet 108 Jts in Hole - RIH with 2 3/8 Tubing tagged plug at 5,005 Ft on JT 161 - PU WT 26 K - SO WT 24K -NU WT 22K - Put 10 Points Down - Equalized plug Pull Up 20 Feet Run back in Hold with another Jt 262 did not tag Starting To POOH with plug . - Currently Doing Shift Change with Rig Crew 2nd PJSM with , Weatherford, NFX, Rock Water, Western Well Service WOR , LOR ,Halliburton Discuss Pressure testing operations for Weatherford 10K BOP Stack with Blind Shear Rams. Review Sign and document JSA for work been performed , Discuss NFX Orientation and UTE Tribal and UTERO needed for all vendors on Location , Discuss Stop work Authority , FRC , Hand safety , Line Of Fire , Pinch points ,Smoking Policy , Pressure testing operations ,Evacuation procedures and Safety Meeting Area - POOH with 2 3/8 tubing and halliburton plug . Standing Back Stands - Rig Up

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JW WL, PU 3.75" GR and test lube to 3,500 psi. - Conduct PJSM, SICP 0 psi and open well. RIH with 3.5" GR to 3rd jt below liner @ 9670'. Make 3 passses thru liner top. POOH w/ W/L. OOH M/U CCL/CBL tools and RIH w/ W/L. Gama tie in @ 5600'.RIH w/ W/L to 9700'. Log up to 8700' w/ 0 pressure. RIH to 9700', pressure up casing to 1500psi w/ western rig pump. Log up w/ W/L OOH.Estimated TOC-1180' good bond. - -
Daily Cost: $0
Cumulative Cost: $295,003

4/25/2013 Day: 5 **Completion**

WWS #5 on 4/25/2013 - TIH with 2 3/8" tbg washing to FC. - Conduct PJSM, M/U 3 3/4 OD Junk Mill, 2 7/8 OD -Bit sub, 1 10' joint 2 3/8 PH-6, 2 7/8 OD- RN Nipple.TIH w/ tubing for Cleanout to PBTD. Stop 246 jnts in (7,000') to tally pipe. 06:00 Currently at 9,457? TIH with 2 3/8? tbg with 3.75? OD Junk Mill, 2.875? OD -Bit sub, 1 joint 2 3/8 PH-6, 2 7/8? OD- RN Nipple. TIH w/ tubing for Cleanout to PBTD. 10:30 Tag up at 13,672?. Jt 440, 15? out. PU power swivel and prepare to clean out to PBTD at 13,970?. 16:45 Update: Washed down thru mud to PB at 13,970?. Tag lightly and PU off FC. Got weight back and PU additional 5? to 13,965?. Continue to circulate while prep gel mix. Will be circulating 30-40 bbl fresh water ahead of 50-60 bbls heavy gel sweeps. Swap to fresh water and circulate 600 bbl, then swap to 3% KCL fluid and circulate WB vol of 400 bbls. We will be circulating at 4 bpm throughout clean up cycle.S/D rig pump and R/D Swivel.
Daily Cost: $0
Cumulative Cost: $313,108

4/26/2013 Day: 6 **Completion**

WWS #5 on 4/26/2013 - Clean out to PBTD, TOOH L/D Tubing, TIH w/ 4 1/2 frac string. - Western well WOR OOH with 2 3/8? work string with complete BHA. Little to no wear on mill. Lay down BHA, Conduct PJSM,hange out rams to 4.5? and test now. Load 4.5" csg on racks and prep for service. - Conduct PJSM, PU HES Seal bore assy and 4.5" 13.5# P-110 BTC csg and RIH.120 jnts in hole - Conduct PJSM, PU 2 3/8" tbg with Weatherford BHA- 3 3/4 OD Junk Mill, 2 7/8 OD -Bit sub, 1 oint 2 3/8 PH-6, 2 7/8 OD- RN Nipple and POOH.
Daily Cost: $0
Cumulative Cost: $358,847

4/27/2013 Day: 7 **Completion**

WWS #5 on 4/27/2013 - RIH w/ 4.5 frac liner. Land & pressure test. RD & release casing crew. RDMOSU. NDBOP stack. - MIRU FMC test unit to pressure test annulus to 4,000 psi for 15 min. Test good and charted. RD & release Franks Cassing Service. - RDMO Western Well Service Rig. Rig released @ 08:00. - N/U Cameron 7 1/16" 10K extended neck tubing head adapter to 4 1/16" 10K spool. Cameron test adapter spool void to 10K. Good test w/ no leak off. Release pressure. NU FMC frac stack consisting of: 10K 4 1/16 Lower master HCR valve, 10K 4 1/16 Upper master manual frac valve, 10K 4 1/16" flowcross w/ double 2 1/16" outlet & double 2 1/16" 10K gate valves, 10K 4 1/16" Crown manual frac vlave. Attach hydralic lines to FMC HCR vlalve & function test valve. RU FMC test unit. Test FMC Shell test stack to 250 psi low for 5 minutes & 10,000 psi high for 10 minutes. Test all valves to 250 psi low for 5 minutes & 10K high for 10 minutes. Preform negative test on Lower hydralic master valve. Pressure casing to 3500 psi w/ rig pump. Pressure test frac liner to 9800 psi w/ FMC test unit. Chart casing pressure test from 0 psi to 9800 psi w/ FHC chart recorder for 30 minutes. All tests complete w/ no problems. Release pressure. Start pressure test @ 13:10. Testing complete @ 19:10. Shut well in. RD test unit & release FMC service hand . - N/D BOP's stack. - Well shut in. SICP -0 Psi, SITP - 0 PSI. Wait on wireline tractor to perforate. - P/U 1 jnt of 4

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1/2 and set down 50K compression,2 ' pup on space out, Land extenda-neck hangar w/ 2 way check valve. - TIH w/ 215 jnts of 4 1/2 13.5 lb/ft P110,(9447'). Space out w/ 2' pup joint to get 50K compression, L/D 1 jnt 4 1/2, Circulate 180 bbls of 85 degree packer fluid.
Daily Cost: $0
Cumulative Cost: $406,379

4/28/2013 Day: 8 **Completion**

Rigless on 4/28/2013 - Cost update - Cost update
Daily Cost: $0
Cumulative Cost: $416,735

4/29/2013 Day: 9 **Completion**

Rigless on 4/29/2013 - Cost update. Wait on perf tools. - Cost update. Wait on perf tools
Daily Cost: $0
Cumulative Cost: $432,732

4/30/2013 Day: 10 **Completion**

Rigless on 4/30/2013 - Cost update. Wait on perf tools - Cost update. Wait on perf tools
Daily Cost: $0
Cumulative Cost: $467,155

5/2/2013 Day: 11 **Completion**

Rigless on 5/2/2013 - finishing dirt work on location - Wait on SLB wireline to log well. - Finish up dirt work and load out BOP stacks and send back to Weatherford - waiting on SLB for perf & finishing location dirt work
Daily Cost: $0
Cumulative Cost: $476,691

5/3/2013 Day: 12 **Completion**

Rigless on 5/3/2013 - No planned operations -
Daily Cost: $0
Cumulative Cost: $491,674

5/4/2013 Day: 13 **Completion**

Rigless on 5/4/2013 - Well secure waiting on SLB wireline - Waiting on SLB wireline to run logs and perf casing.
Daily Cost: $0
Cumulative Cost: $499,485

5/5/2013 Day: 14 **Completion**

Rigless on 5/5/2013 - Rig up SLB wireline. Fill casing to top. Pressure test lubricator. Rih and perf well. RDMO SLB wireline. Prepare for DFIT - POOH w/3.13? OD x 3? Disposable Scalloped

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Gun, loaded w/6 spf, 60 degree phasing & Titian 22.7 gram charge (EXP-3323-423T) 3.13? OD x 2? CCL, 3.13? OD x 16? tractor & LET-QT (Fishing neck) bottom 3.13? OD x 1.30? long , top 2.31? OD x 1.62? long. LD break down perf gun & tractor tools. - RIH w/3.13? OD x 3? Disposable Scalloped Gun, loaded w/6 spf, 60 degree phasing & Titian 22.7 gram charge (EXP-3323-423T) 3.13? OD x 2? CCL, 3.13? OD x 16? tractor & LET-QT (Fishing neck) bottom 3.13? OD x 1.30? long , top 2.31? OD x 1.62? long.13920-13921.5 . - RU 5.5 10k Lubricator PU tool string & Function test tractor tool @surface . Function test rams on BOP . RU weatherford & test Lubricator to 8500psi for 5 min against lower manual frac valve. Using flow cross to pump thru.had a little problem testing Lubricator leak in flange changed out API ring retested w/o leaks. - Waiting on SLB wireline truck to finsih up with 4A-18-3-3WH complete.
Daily Cost: $0
Cumulative Cost: $507,644

5/6/2013 Day: 15 **Completion**

Rigless on 5/6/2013 - Rih and perf well. RDMO SLB wireline. Prepare for DFIT RU Baker CMT crew to Pump DFIT test. - 1415-Red Guage 4034. Tan gauge 4030. 1515-Red guage 3997. Tan Gauge -3993. 1615 Red Gauge- 3965. Tan Guage-3961. - Continue to POOH w/3.13? OD x 3? Disposable Scalloped Gun, loaded w/6 spf, 60 degree phasing & Titian 22.7 gram charge (EXP-3323-423T) 3.13? OD x 2? CCL, 3.13? OD x 16? tractor & LET-QT (Fishing neck) bottom 3.13? OD x 1.30? long , top 2.31? OD x 1.62? long. LD break down perf gun & tractor tools. - RD SLB wireline. Install night cap. Insure well is secure .waitinig to RU Baker CMT crew to Pump DFIT test. - waitinig to RU Baker CMT crew to Pump DFIT test. - PJSM. Rig lines over to wellhead and install pressure gauges.MIRU Baker Hughes pump truck and rig up to flowcross. Pressure test lines to 9900 psi. Install DFIT gauges on Off side of flow cross. WH pressure at-700 psi. Begin pumping DFIT-Begin pumping 4 bbls per min. Broke at 4837. Increased rate to 6.5 bbls per min. Total bbls pumped-12 bbls of 3% KCL. pressure was steady at 5069. Shut down pumps. ISIP-4625. 5 MIN-4449. 10MIN-4427. 15 MIN-4408. 0845 am. RDMO Baker Hughes fluid pump. - 1315-Red gauge 4,075 psi. Tan gauge 4,071 psi. Will continue monitor DFIT pressure. - Red gauge-3937. Tan gauge-3934. Continue to monitor pressures. Red Gauge Memory 98%. Battery-92%. Tan Gauge Memory 99%. Battery-93%. - No Activity
Daily Cost: $0
Cumulative Cost: $572,377

5/7/2013 Day: 16 **Completion**

Rigless on 5/7/2013 - Monitor DFIT pressure - 0700- Red gauge-3653. Tan gauge-3649. 0800-red gauge-3637. tan gauge-3634. 0600-Red guage-battery-76%. Memory-97%. Tan gauge battery-82%. Memory-98%.Monitor DFIT gauges. 08:00 to 09:00 red gauge 3,621 psi. Tan gauge 3,617 psi. 1330-Red Gauge-3569. Tan Gauge-3566.1645-Red Gauge-3555. Tan Gauge-3551 11730- Red Gauge-3550. Battery life-84%. Memory-95%. Tan gauge-3546. Battery life-83%. Memeory-97% - No Activity 06:00 Monitor DFIT Pressure: red gauge 3,671 psi (battery 76%. Memory 97%). Tan gauge 3,667 psi (battery 82% & memory 98%). Will continue monitor DFIT pressure - No Activity.
Daily Cost: $0
Cumulative Cost: $579,556

5/8/2013 Day: 17 **Completion**

Rigless on 5/8/2013 - Continue monitor DFIT pressure - No Activity - 09:30 to 10:30 red gauge 3,478 psi. Tan gauge 3,475 psi. 10:30 to 11:30 red gauge 3,474 psi. Tan gauge 3,471 psi. 11:30 to 12:30 red gauge 3,470 psi. Tan gauge 3,467 psi. 12:30 to 13:30 red gauge 3,466 psi. Tan gauge 3,463 psi. 13:30 to 14:30 red gauge 3,463 psi. Tan gauge 3,459 psi.

RECEIVED: Jan. 28, 2014

14:30 to 15:30 red gauge 3,459 psi. Tan gauge 3,456 psi. 15:30 to 16:30 red gauge 3,455 psi. Tan gauge 3,452 psi. Red Gauge Battery-80% and Memory 92% - No Activity 09:30 Monitor DFIT Pressure: red gauge 3,483 psi (battery 70%. Memory 93%). Tan gauge 3,480 psi (battery 73% & memory 96%). Will continue monitor DFIT pressure
Daily Cost: $0
Cumulative Cost: $588,117

5/9/2013 Day: 18 **Completion**

Rigless on 5/9/2013 - Continue monitor DFIT pressure - No Activity 06:00 Monitor DFIT Pressure: red gauge 3,407 psi (battery 70%. Memory 93%). Tan gauge 3,403 psi (battery 73% & memory 96%). Will continue monitor DFIT pressure 07:00 red gauge 3,403 psi (battery 62%. Memory 91%). Tan gauge 3,400 psi (battery 69%. Memory 95%). - 09:00 to 10:00 red gauge 3,395 psi (battery 62%. Memory 91%). Tan gauge 3,391 psi (battery 69%. Memory 95%). 10:00 to 11:00 red gauge 3,393 psi (battery 62%. Memory 91%). Tan gauge 3,389 psi (battery 69%. Memory 95%). 11:00 to 12:00 red gauge 3,390 psi (battery 62%. Memory 91%). Tan gauge 3,386 psi (battery 69%. Memory 95 - no activity - no activity - 12:00 to 14:00 red gauge 3,384 psi (battery 62%. Memory 91%). Tan gauge 3,381 psi (battery 69%. Memory 95%). 14:00 to 15:00 red gauge 3,382 psi (battery 62%. Memory 91%). Tan gauge 3,379 psi (battery 69%. Memory 95. 15:00 to 16:30 Red Gauge -3379 . Tan Gauge- 3375 Battery for Red Gauge-74%. Memory For Red Gauge-79% Battery for Tan Gauge-75%. Memory For Tan Gauge-94% - 06:00 to 07:00 red gauge 3,403 psi (battery 62%. Memory 91%). Tan gauge 3,400 psi (battery 69%. Memory 95%). 07:00 to 09:00 red gauge 3,398 psi (battery 62%. Memory 91%). Tan gauge 3,394 psi (battery 69%. Memory 95%).
Daily Cost: $0
Cumulative Cost: $601,675

5/10/2013 Day: 19 **Completion**

Rigless on 5/10/2013 - Continue monitor DFIT pressure - 12:00 to 13:00 Red Gauge 3,330 psi (Battery 54%. Memory 88%). Tan Gauge- 3,326 psi (Battery 64%. Memory 94% 13:00 to 14:00 Red Gauge 3,327 psi (Battery 54%. Memory 88%). Tan Gauge- 3,324 psi (Battery 64%. Memory 94% 14:00 to 15:00 Red Gauge 3,326 psi (Battery 54%. Memory 88%). Tan Gauge- 3,323 psi (Battery 64%. Memory 94% - 09:00 to 10:00 Red Gauge 3,335 psi (Battery 54%. Memory 88%). Tan Gauge- 3,332 psi (Battery 64%. Memory 94%).10:00 to 11:00 Red Gauge 3,334 psi (Battery 54%. Memory 88%). Tan Gauge- 3,330 psi (Battery 64%. Memory 94%).11:00 to 12:00 Red Gauge 3,331 psi (Battery 54%. Memory 88%). Tan Gauge- 3,328 psi (Battery 64%. Memory 94%). - 06:00 to 07:00 Red Gauge 3,341 psi (Battery 54%. Memory 88%). Tan Gauge- 3,337 psi (Battery 64%. Memory 94%). 07:00 to 08:00 Red Gauge 3,329 psi (Battery 54%. Memory 88%). Tan Gauge- 3,335 psi (Battery 64%. Memory 94%). 08:00 to 09:00 Red Gauge 3,337 psi (Battery 54%. Memory 88%). Tan Gauge- 3,333 psi (Battery 64%. Memory 94%). - no activity - 15:00 to 16:00 Red Gauge 3,325 psi (Battery 67%. Memory 86%). Tan Gauge- 3,322 psi (Battery 72%. Memory 93% - No Activity 06:00 Red Gauge 3,343 psi (Battery 54%. Memory 88%). Tan Gauge- 3,340 psi (Battery 64%. Memory 94%). Will continue monitor DFIT pressure. 07:00 Red Gauge 3,341 psi (Battery 54%. Memory 88%). Tan Gauge- 3,337 psi (Battery 64%. Memory 94%).
Daily Cost: $0
Cumulative Cost: $621,122

5/11/2013 Day: 20 **Completion**

Rigless on 5/11/2013 - Day 6 of 17 Continue to Monitor DFIT Pressure - Red Gauge-3295. Tan

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Guage-3291 0800- Red Gauge-3293. Tan Gauge-3289 0900- Red Gauge-3291. Tan Gauge-3288 1000- Red Gauge-3290. Tan Gauge-3287 1100- Red Guage-3289. Tan Gauge-3286 1200-Red Gauge-3288. Tan Gauge-3284 1300-Red Gauge-3287. Tan Gauge-3284 1400-Red Gauge-3285. Tan Gauge-3282 1500-Red Gauge-3283. Tan Gauge-3280 Red Gauge Battery-51% Red Guage memory-84% Tan Gauge Battery-68% Tan Gauge memory-92% - No Activity. Continue to Monitor DFIT pressure. Day 6 of 17 06:00 Red Gauge 3,297 psi (Battery 42%. Memory 85%). Tan Gauge- 3,293 psi (Battery 60%. Memory 92%). - No Activity
Daily Cost: $0
Cumulative Cost: $627,728

5/12/2013 Day: 21 **Completion**

Rigless on 5/12/2013 - Day 7 of 17 Continue to Monitor DFIT Pressure - No Activity Continue to Monitor DFIT pressure. Day 7 of 17 06:00 Red Gauge 3,260 psi (Battery 14%. Memory 82%). Tan Gauge- 3,256 psi (Battery 53%. Memory 91%). Will Continue to Monitor DFIT pressure. NOTE: will change out all battery on DFIT gauges. - 06:00 Change out batteries on the red & tan gauges. Both gauges have 100% life. 0800-Red Gauge-3257. Tan Gauge-3254 0900-Red Guage-3256. Tan Gauge-3253 1000-Red Gauge-3255. Tan Gauge-3252 1100-Red Gauge-3255. Tan Gauge-3252 1200-Red Gauge-3255. Tan Gauge-3252 - 1300-Red Gauge-3252. Tan Gauge-3249 1400-Red Gauge-3250. Tan Gauge-3247 1500-Red Gauge-3249. Tan Gauge-3245 1600-Red Gauge-3248. Tan Gauge-3244 1700-Red Gauge-3247. Tan Gauge-3243 1800-Red Gauge-3246. Tan Gauge-3243 1900-Red Gauge-3245. Tan Gauge-3242 - No Activity
Daily Cost: $0
Cumulative Cost: $635,329

5/13/2013 Day: 22 **Completion**

Rigless on 5/13/2013 - DAY 8 of 17. Monitor DFIT gauges - Red Gauge pressure-3231. Battery-100%. Memory-79% Tan Gauge pressure-3227. Battery-100%. Memory-89% 0700-Red Gauge-3230. Tan Gauge-3226 0800-Red Gauge-3228. Tan Gauge-3225 0900-Red Gauge-3228. Tan Gauge-3225 1000-Red Gauge-3227. Tan Gauge-3224 1100-Red Gauge-3227. Tan Gauge-3224 1200-Red Gauge-3226. Tan Gauge-3223 - No Activity - 1300-Red Gauge-3225. Tan Gauge-3222 1400-Red Gauge-3255. Tan Gauge-3222 1500-Red Gauge-3224. Tan Gauge-3221 1600-Red Gauge-3224. Tan Gauge-3221 1700-Red Gauge-3223. Tan Gauge-3220 - No Activity
Daily Cost: $0
Cumulative Cost: $640,435

5/14/2013 Day: 23 **Completion**

Rigless on 5/14/2013 - Day 9 Of 17. Continue to monitor DFIT pressures - No Activity - No Activity - 0600-Tan Gauge-Pressure-3204.Battery-91%. Memory-88%. Red Gauge-Pressure-3208. Battery-100%. Memory-86% 0700-Tan Gauge-3203. Red Gauge-3206 0800-Tan Gauge-3202. Red Gauge-3205 0900-Tan Gauge-3202. Red Gauge-3205 1000-Tan Gauge-3202. Red Gauge-3205 1100-Tan Gauge-3201. Red Gauge-3204 1200-Tan Gauge-3201. Red Gauge-3204 - 1300-Tan Gauge-3200-Red Gauge-3203 1400-Tan Gauge-3200-Red Gauge-3203 1500-Tan Gauge-3199-Red Gauge-3202 1600-Tan Gauge-3198-Red Gauge-3201 1700-Tan Gauge-3198-Red Gauge-3201 1800-Tan Gauge-3197-Red Gauge-3200
Daily Cost: $0
Cumulative Cost: $645,541

RECEIVED: Jan. 28, 2014

5/15/2013 Day: 24 **Completion**

Rigless on 5/15/2013 - Day 10 of 17 day DFIT. Monitor pressures. - No Activity - 0530am Red Gauge Pressure-3189. Battery-100%. Memory-95% Tan Gauge Pressure-3185. Battery-84%. Memory-86% 0930-Red Gauge-3186. Tan Gauge-3182 1030-Red Gauge-3186. Tan Gauge-3182 1130-Red Gauge-3185. Tan Gaug3182 12:30-Red Gauge-3185. tan Gauge 3182 13:30-Red Gauge-3185. Tan Gauge-3181 14:30-Red Gauge-3184. Tan Gauge-3181 15:30-Red Gauge-3184. tan Gauge-3181 16:30-Red Gauge-3182. Tan Gauge-3179
Daily Cost: $0
Cumulative Cost: $672,967

5/16/2013 Day: 25 **Completion**

Rigless on 5/16/2013 - Monitor DFIT - Continue to Monitor DFIT pressure. Day 11 of 17 0530am Red Gauge Pressure-3173. Battery-75%. Memory-85% Tan Gauge Pressure-3169. Battery-70%. Memory-70% 0630-Tan Gauge-3168. Red Gauge 3172. 0730-Tan Gauge-3168. Red Gauge 3171. 0830-Tan Gauge-3167. Red Gauge-3171. 0930-Tan Gauge-3167. Red Gauge-3171. 1030-Tan Gauge-3167. Red Gauge-3170 1130-Tan Gauge-3167. Red Gauge-3171 1230-Tan Gauge-3167. Red Gauge-3170. 1330-Tan Gauge-3167. Red Gauge-3170. 1430-Tan Gauge-3165. Red Gauge-3169. 1530-Tan Gauge-3166. Red Gauge- 3169. 1630-Tan Gauge-3165. Red Gauge-3168.
Daily Cost: $0
Cumulative Cost: $679,529

5/17/2013 Day: 26 **Completion**

Rigless on 5/17/2013 - Day 12 of 17. Continue to monitor DFIT - Continue to Monitor DFIT pressure. Day 12 of 17 0530am Red Gauge Pressure-3160. Battery-97%. Memory-68% Tan Gauge Pressure-3156. Battery-71%. Memory-83% 0830-Tan Gauge-3155. Red Gauge-3158. 0930-Tan Gauge-3154. Red Gauge-3157. 1030-Tan Gauge-3154. Red Gauge-3157. 1130-Tan Gauge-3154. Red Gauge-3158. 1230-Tan Gauge-3154. Red Gauge-3157 1330-Tan Gauge-3154. Red Gauge-3157. 1430-Tan Gauge-3153. Red Gauge-3157. 1530-Tan Gauge-3153. Red Gauge-3156. 1630-Tan Gauge-3153. Red Gauge-3156.
Daily Cost: $0
Cumulative Cost: $687,437

5/18/2013 Day: 27 **Completion**

Rigless on 5/18/2013 - Continue to monitor DFIT. Day 13 0f 17. - Continue to Monitor DFIT pressure. Day 13 of 17 0530am Red Gauge Pressure-3144. Battery-65%. Memory-84% Tan Gauge Pressure-3156. Battery-64%. Memory-84%. 0630-Tan Gauge-3143. Red Gauge-3147. 0730-Tan Gauge-3143. Red Gauge 3146. 0830-Tan Gauge-3143. Red Gauge-3146. 0930-Tan Gauge-3143. Red Gauge-3146. 1030-Tan Gauge-3142. Red Gauge-3146. 1130-Tan Gauge-3143. Red Gauge-3146. 1230-Tan Gauge-3143. Red Gauge-3146. 1330-Tan Gauge-3142. Red Gauge- 3145. 1430-Tan Gauge-3141. Red Gauge-3144. 1530-Tan Gauge-3141. Red Gauge-3144. 1 1630-Tan Gauge-3142. Red Gauge-3144.
Daily Cost: $0
Cumulative Cost: $692,543

5/19/2013 Day: 28 **Completion**

Rigless on 5/19/2013 - Continue to monitor DFIT pressure. Day 14 of 17. - Day 14 of 17.

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Monitor DFIT pressures. Tan Gauge-3135. Battery 58%. Memory 80%. Red Gauge-3139. Battery 68%. Memory 62%. 0630-Tan Gauge-3134. Red Gauge- 3138. 0730-Tan Gauge-3134. Red Gauge-3138. 0830-Tan Gauge-3134. Red Gauge-3138. 0930-Tan Gauge-3135. Red Gauge-3138. 1030-Tan Gauge-3135. Red Gauge-3139. 1130-Tan Gauge-3134. Red Gauge-3138. 1230-Tan Gauge-3134. Red Gauge-3138. 1230-Tan Gauge-3134. Red Gauge-3138. - 1330-Tan Gauge-3134. Red Gauge-3138. 1430-Tan Gauge-3134. Red Gauge-3138. 1530-Tan Gauge-3134. Red Gauge-3138. 1630-Tan Gauge-3134. Red Gauge-3138.
Daily Cost: $0
Cumulative Cost: $698,404

5/20/2013 Day: 29 **Completion**

Rigless on 5/20/2013 - Day 15 of 17. Monitor DFIT pressure. - Day 15 of 17. Monitor DFIT pressure. Tan Gauge-3129. Battery 54%. Memory 79%. Red Gauge-3133. Battery 61%. Memory 79%. 0630-Tan Gauge-3128. Red Gauge-3132. 0730-Tan Gauge-3128. Red Gauge-3132. 0830-Tan Gauge-3128. Red Gauge-3132. 0930-Tan Gauge-3128. Red Gauge-3132. 1030-Tan Gauge-3129. Red Gauge-3132. 1130-Tan Gauge-3129. Red Gauge-3131. 1230-Tan Gauge-3129. Red Gauge-3131. 1330-Tan Gauge-3129. Red Gauge-3131. - 1330-Tan Gauge-3129. Red Gauge-3131. 1430-Tan Gauge-3129. Red Gauge-3131. 1530-Tan Gauge-3129. Red Gauge 3132. 1630-Tan Gauge-3129. Red Gauge-3132.
Daily Cost: $0
Cumulative Cost: $703,530

5/21/2013 Day: 30 **Completion**

Rigless on 5/21/2013 - Day 16 0f 17. Continue to monitor DFIT. - Day 16 of 17. Monitor DFIT pressure. 0530-Tan Gauge-3122. Battery-40%. Memory-77%. Red Gauge-3125. Battery-44%. Memory-59% . Change batteries, both gauges read 100% 0630-Tan Gauge-3122. Red Gauge-3125. 0730-Tan Gauge-3121. Red Gauge 3125. 0830-Tan Gauge-3121. Red Gauge-3125. 0930-Tan Gauge-3121. Red Gauge-3124. 1030-Tan Gauge-3121. Red Gauge-3124. 1130-Tan Gauge-3121. Red Gauge-3124. 1230-Tan Gauge-3121. Red Gauge-3124. - 1330-Tan Gauge-3121. Red Gauge-3124. 1430-Tan gauge-3121. Red Gauge-3124. 1530-Tan Gauge-3121. Red Gauge-3125. 1630-Tan Gauge-3121. Red Gauge-3125.
Daily Cost: $0
Cumulative Cost: $711,498

5/22/2013 Day: 31 **Completion**

Rigless on 5/22/2013 - Day 17 of 17. Monitor DFIT pressures. - Day 17 of 17. Monitor DFIT pressures. 0530-Tan Gauge-3114. Battery100%. Memory 76%. Red Gauge-3118. Battery 100%. Memory 56%. 0630-Tan Gauge-3114. Red Gauge-3117. 0730-Tan Gauge-3114. Red Gauge-3117. 0830-Tan Gauge-3113. Red Gauge-3117. 0930-Tan Gauge-3113. Red Gauge-3117. 1030-Tan Gauge-3114. Red Gauge-3117. 1130-Tan Gauge-3113. Red Gauge-3117. 1230-Tan Gauge-3113. Red Gauge-3117. - 1330-Tan Gauge-3113. Red Gauge-3117. 1430-Tan Gauge- 3113. Red Gauge-3117. 1530-Tan Gauge-3113. Red Gauge-3116. 1630-Tan Gauge-3113. Red Gauge-3116.
Daily Cost: $0
Cumulative Cost: $717,236

5/23/2013 Day: 32 **Completion**

Rigless on 5/23/2013 - Rig Up JW WL and Baker pump down Crew Run In Hole and Set 10K

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Cast Iron Bridge plug at 13,880 Ft Pressure test and POOH release vendors for day - No Activity - Rig up Baker pump truck and JW WL and Weatherford Pressure test unit , Install 7 1/16 Flange with 5 ? Bowen Connection -RU 5-1/2" 10K lubricator, pick-up toolstring & make-up lubricator. Function test wireline rams (only before first run of day).Rig UP Baker to Backside of well and Put 3,500 Psi on Backside and install a Pop Off Also record with Weatherford Pump during Pump Down - Test lubricator to 9500 psi for 5 minutes against bottom manual frac valve with Weatherford pressure test Unit. 10:30 2nd PJSM with Weatherford, Baker and JW WL crews - Rig UP Baker to Backside of well and Put 3,500 Psi on Backside and install a Pop off Also record with Weatherford Pump during Pump Down BHA ? Halliburton 4 ? CIBP OD?4.36 X 33? L ?Sleeve OD?4.4 x 23.16?L- #10 Baker Setting too, OD? 3.625 X 33?L - Quick Change OD?1.64 to 3.1 X 12 ?L ? CCL OD?2.65 X 18 ?L ? Weight Bar OD?3.125 X 96?L ? Cable head OD?1.43 to 1 inch X 12?L Total length of BHA = 18.93 feet 11:30 am - RIH w/ 4 1/2" 10k Cast Iron Bridge plug w/ Baker 10 setting tool and slow burning charges. - 12:00-RIH at 150-200 fpm. Verify liner top depth and use for correlation. Start to pump when we get through Liner top. 12:35- Begin pumping At 9,450 feet 2 bpm 6,680 Psi 196 Ft/Min LT 960 Pick rate up to 4 bpm 4,956 Psi 171Ft/Min LT 1041 at 60 degrees, then at 10,000 Feet to 6.3 bpm 5,682 Psi 165 Ft/Min LT 984 at 90 degrees. Max Rate 200 fpm. Set plug at 13,880'. Maintained 3,500 Psi on well during pump Down and pressure test .Pumped a Total of 135 BBLS 3 % KCL 1:15 -POOH with Wire Line and Bleed well down to 0 Psi watch for 15 Minutes no Gain in Pressure Pump back into well Pressure test to 5,080 psi for 15 min. Perform negative test by bleeding off pressure to 0 psi, and observe well for 15 min. Plug holding solid at this pressure, - 2:00 - Bleed down Backside to 0 Psi and rig down and release JW Wire line and release Baker Pump Crew and weatherford - No Activity - On Location Hold Pre Job Safety meeting with Weatherford ,JW WL and Baker pump down Crew , Discuss NFX Policy and Procedures as well as OSHA ,BLM , UTE Tribal , Discuss Daily Operations and Job tasks for day , Review JSA and discuss Safety meeting Area ,PPE FRC Clothing , Pinch Points ,Line Of fire , Pressure Release , Smoking Area High Pressure Lines .
Daily Cost: $0
Cumulative Cost: $749,950

5/24/2013 Day: 33 **Completion**

Rigless on 5/24/2013 - Prep location for pinnacle - Plan on spotting pinnacle and Well Tech Tractor equipment - 17:00 Spot Pinnacle truck and Well Tech Trailer on Location , Hold PJSM with Crews - when finished with the NFX 5-18-3-3W well crew will start working on 4-18-3-3WH well - No Activity - No Activity
Daily Cost: $0
Cumulative Cost: $773,535

5/25/2013 Day: 34 **Completion**

Rigless on 5/25/2013 - Move in Pinnacle WL -JW Crane - and Well tec - rig up to well And tractor in 12 Geo Phones to monitor pressure from frac on 4A-18-3-3WH - 16:00 ? Pinnacle Cable Head Repaired Begin Testing Tools and Connections 16:30 ? Pick up WellTec Tractor and Geophones Test every Connection 17:00 ? Function Test Tractor on Surface Good Test 17:30 ? Start to Run In Hole with Tractor and Geo Phones Testing all 12 Geo Phones - Pinnacle having Issues with their cable head on WL Truck Have to Re Head ETA 3 to 4 Hrs - No Activity - On Location Hold Pre Job Safety meeting with Pinnacle ,JW WL and Well Tec Crew , Discuss NFX Policy and Procedures as well as OSHA ,BLM , UTE Tribal , Discuss Daily Operations and Job tasks for day , Review JSA and discuss Safety meeting Area ,PPE FRC Clothing , Pinch Points ,Line Of fire , Pressure Release , Smoking Area High Pressure Lines . - - WellTec BHA = Cable Head OD?1.18 X 0.98 X weight 5.5 ? Top Connector OD?2.13 X 0.30X weight 2.6- Reducer OD?3.15 X 2.45 X weight 30.9-Elec adapter /Motor OD?3.15 X 2.76 X weight 44.9-Hyd OD?3.15 X 2.17 X weight 36.1- Stand Off OD?3.5 X 0.02 X weight 1.1-

RECEIVED: Jan. 28, 2014

Wheel Section OD?3.37 X 3.20 X weight 65.6 Reach 9.94 - Wheel Section OD?3.37 X 3.20 X weight 65.6 Reach 9.94 - Wheel Section OD?3.37 X 3.20 X weight 65.6 Reach 9.94 - Stand Off OD?3.5 X 0.02 X weight 1.1- Compensator OD?3.15 X 1.98 X weight 43.2-Reduced Bottom Connector OD?3.15 X 0.31 X weight 5.5 -Bottom Connector Mono 1 13/16 (Go) = Length 20.53 Feet Weight 367.6 Lbs - 22:00 All went good Tools at7500 feet All tools and Tractor working recording Data . - Location Secured Pinnacle JW WL and Welltec Released from location No activity - 08:00 am ? Pinnacle Start Building 12 Geo Phones testing each one prior to RIH - WellTec prepping Tractor to RIH
Daily Cost: $0
Cumulative Cost: $778,566

5/26/2013 Day: 35 **Completion**

Rigless on 5/26/2013 - Tractor in 12 pinnacle Geophones - Rig Up and pressure test Flow back - 11:30 am - Stop Tractor Currently at Depth - Top Geophone 13252.7 Bottom Geophone set at 13,807 Feet - and tractor at 13,827.5 Feet - Halliburton 10K Cast Iron Bridge plug set in well at 13,880 Feet- Test tools - 09:45 am ? Depth 10,272 feet 78 Inc. Deg in well start to tractor in 12 Pinnacle Geophones 40 Ft/Min 10:20 am ? Depth 11,000 Feet 92 Inc. Deg in well 40 Ft/Min Line Tension 4100 11:00 am ? Depth 12,300 Feet 92 Inc. Deg in well 35 Ft/Min Line Tension 4200 11:30 am - Stop Tractor Currently at Depth - Top Geophone 13252.7 Bottom Geophone set at 13,807 Feet - and tractor at 13,827.5 Feet - Halliburton 10K Cast Iron Bridge plug set in well at 13,880 Feet - Check all tools and tractor all working correctly proceed to RIH 30 FT/Min to KOP 9,503 Ft - On Location Hold Pre Job Safety meeting with Pinnacle ,JW WL and Well Tec Crew , Discuss NFX Policy and Procedures as well as OSHA ,BLM , UTE Tribal , Discuss Daily Operations and Job tasks for day , Review JSA and discuss Safety meeting Area ,PPE FRC Clothing , Pinch Points ,Line Of fire , Pressure Release , Smoking Area High Pressure Lines . - No Activity - Well Tec BHA = Cable Head OD?1.18 X 0.98 X weight 5.5 ? Top Connector OD?2.13 X 0.30X weight 2.6- Reducer OD?3.15 X 2.45 X weight 30.9- Elec adapter /Motor OD?3.15 X 2.76 X weight 44.9-Hyd OD?3.15 X 2.17 X weight 36.1- Stand Off OD?3.5 X 0.02 X weight 1.1- Wheel Section OD?3.37 X 3.20 X weight 65.6 Reach 9.94 - Wheel Section OD?3.37 X 3.20 X weight 65.6 Reach 9.94 - Wheel Section OD?3.37 X 3.20 X weight 65.6 Reach 9.94 - Stand Off OD?3.5 X 0.02 X weight 1.1- Compensator OD?3.15 X 1.98 X weight 43.2-Reduced Bottom Connector OD?3.15 X 0.31 X weight 5.5 -Bottom Connector Mono 1 13/16 (Go) = Length 20.53 Feet Weight 367.6 Lbs + 12 Pinnacle Geophones - No Activity - Move in Rock water Flowback Iron and Rig up Iron to Both wells Working on Filling Goliath tank filled with Fresh water ?Treated with bleach and heated over next 2 days JW Wireline Building Guns to perf first stage on 4A-18-3-3WH Micro Seismic Installing sensors over Field Baker planning on Filling Sand Chiefs in the morning , and Starting to Bring in Frac Equipment
Daily Cost: $0
Cumulative Cost: $783,883

5/27/2013 Day: 36 **Completion**

Rigless on 5/27/2013 - Standby for well activity - Wait to frac 4A-18-3-3WH.
Daily Cost: $0
Cumulative Cost: $814,338

5/28/2013 Day: 37 **Completion**

Rigless on 5/28/2013 - Monitor 4A-18-3-3WH with Pinnacle geophones. - Monitor 4A-18-3-3WH with Pinnacle geophones.
Daily Cost: $0

RECEIVED: Jan. 28, 2014

Cumulative Cost: $825,918

5/29/2013 Day: 38 **Completion**

Rigless on 5/29/2013 - Monitor 4A-18-3-3WH with Pinnacle geophones. - Monitor 4A-18-3-3WH with Pinnacle geophones.
Daily Cost: $0
Cumulative Cost: $840,222

5/30/2013 Day: 39 **Completion**

Rigless on 5/30/2013 - Monitor 4A-18-3-3WH with Pinnacle geophones. - Monitor 4A-18-3-3WH with Pinnacle geophones.
Daily Cost: $0
Cumulative Cost: $853,006

5/31/2013 Day: 40 **Completion**

Rigless on 5/31/2013 - Monitor well - Monitor well
Daily Cost: $0
Cumulative Cost: $874,973

6/1/2013 Day: 41 **Completion**

Rigless on 6/1/2013 - Monitor wellbore - Monitor wellbore
Daily Cost: $0
Cumulative Cost: $887,349

6/2/2013 Day: 42 **Completion**

Rigless on 6/2/2013 - Monitor well Wait on tractor - NU Baker Hughes 10K 4-1/16 buffalo head. Move small crane off location. Spot in bigger crane. - Check WH pressure-0 psi. POOH with tractor and geophones. All tools recovered. RD Pinnacle WL trk and pack off. - Rig up JW wireline and prepare wireline truck to run in the hole when tractor arrives tomorrow morning at 5 am. - Wait on tractor. - Monitor wellbore
Daily Cost: $0
Cumulative Cost: $899,725

6/3/2013 Day: 43 **Completion**

Rigless on 6/3/2013 - Perf Zone 1 begin pressure testing - Testing pump lines and setting popoffs for pump down. - Finish RU frac lines. Decision was made to go ahead and frac with original rig up. - Waiting on Well Tech tractor to arrive on location. - Well Tech is testing new tractor and preparing to install on JW Wireline cable head. - PU lubricator, Well Tech?s tractor (1.18?OD x .98?L cable head, 2.13?OD x .30?L top connector, 3.15?OD x 1.99?L reducer housing, 3.15?OD x 3.6?L electric motor, 3.15?OD x 2.17?L hydraulic motor, 3.37?OD x 6.4?L wheel section w/ 3.5?OD stand-off at each end, 3.15OD? x 1.98?L compensator, 2.13?OD x .26?L bottom connector), 3.13?OD x 1.50?L CCL, 3.15?OD x 1.72?L housing, 3.15?OD x 1.95?L shock absorber, 1.68? x 4.5?L connector, and 2.75? x 11.21?L perf guns. RIH and correlate to liner top at 9432?. Tractor IH 55 fpm and 1650 line tension. Shoot perfs at

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13,784-86? and 13,712-14?. Third gun did not fire at 13,656-58?. POOH. All tools recovered. Found that electronics on tractor had failed.
Daily Cost: $0
Cumulative Cost: $1,005,475

6/4/2013 Day: 44 **Completion**

Rigless on 6/4/2013 - Finish perf zone 1. Pooh. Retest. Begin Fracing stage 1. Perf and frac stage 2. Perf stage 3 and begin Fracing stage 3 - Continue Pumping stage 3 - JSA and safety meeting. Test lines to 9,856 psi, OK. Frac Wasatch 28 stage 3 Begin pumping pad. Had a prob;em with pumps and shut down again. - Pressure test to 9700. had leaks. Fix leaks. - JSA and safety meeting. RU WL for pump down. Test to 9000 Psi. OK. RIH. Pump down with max pump rate of 9.3 bpm @5060 psi. Set plug @ 13,397. Perforate Stage 3at 13,358-60', 13,260-62', and 13,155-57'. 3 1/8? guns at 60 degrees, 6 spf, 36 holes. POOH. All shots fired. All tools recovered Total BBls pumped-114.3 - JSA and safety meeting. Pressure test lubricator to 9000 psi for 5 minutes, OK. RIH. Pump down rate 8.3 bpm at 5353psi.147.3 bbl to pump perf gun. Perforate stage 1 top at 13,656-58??. 3-1/8? guns at 60 degrees, 6 spf, 12 holes. POOH. All shots fired.All tools recovered. - JSA and safety meeting. Test lines to 9,856 psi, OK. Frac Wasatch 28 stage 2 as follows: Max rate57 bpm, Avg rate 52 bpm. Max press 9,481 psi, Avg press 8,976 psi. Pmp 30 bbl 15% HCl. Fraced with 4288 bbl of 20# Lightning slickwater. 207,092 lbs of 0.75 ? 5.0 PPG 30/50 CB RCS. Avg HHP: 11,462 100% sand placed on formation. 1. 390 psi on N2 regulator, 1825 psi on bottle, Pop off set at 9850 psi. Pressure tested to 9850 psi 2. Fracpro calculated 0 psi NWB, 703 perf fric, 16 holes open. 3. Tight through pad. Worked up rate as pressure allowed. 4. Lost a pump on 1# stage. Worked up rate with other pumps. Lost another pump on 4# sand. Got as much rate as possible with remaining pumps. GW-3LDF-3.9% (33.2), Scaletrol 720-5.5% (1.6) Enzyme G HT III-5.5% (1.5), Alpha 452-4.1% (2) - JSA and safety meeting. RU WL for pump down. Test to 9000 Psi. OK. RIH. Pump down with max pump rate of 9.2 bpm @5060 psi. Set plug @ 13,606'. Perforate Stage 72at 13,578-80', 13,486-88', and 13,417-19'. 3 1/8? guns at 60 degrees, 6 spf, 36 holes. POOH. All shots fired. All tools recovered - JSA and safety meeting. Test lines to 9,856 psi, OK. Frac Wasatch 28 stage 1 as follows: Max rate 55 bpm, Avg rate 49 bpm. Max press 9,463 psi, Avg press 9,045 psi. Pmp 30 bbl 15% HCl. Fraced with 3960 bbl of 20# Lightning slickwater. 194,01 lbs of 0.75 ? 5.0 PPG 30/50 CB RCS. Avg HHP: 10,819. 100% sand placed on formation. - Re-rig high pressure lines to WH. Test and repair leaks. - Rig out swings and high pressure line to frac pump. Rig in new lines. Retest.
Daily Cost: $0
Cumulative Cost: $1,260,408

6/5/2013 Day: 45 **Completion**

Rigless on 6/5/2013 - Finish Fracing stage 3. Perf and frac stage 4, Perf and frac stage 6 - Rig up wireline. Test Lubricator to 9000 psi. Begin running in well with plug and perf guns. - JSA and safety meeting. Test lines to 9,725 psi, OK. Frac Wasatch 28 stage6 as follows: Max rate 56 bpm, Avg rate 54 bpm. Max press 9,320 psi, Avg press 8,955 psi. Pmp 30 bbl 15% HCl. Fraced with 3887 bbl of 20# Lightning slickwater. 220,467 lbs of 0.75 ? 6.0 PPG 30/50 CB RCS. Avg HHP: 11,808 100% sand placed on formation. 1. 382 psi on N2 regulator, 1550 psi on bottle, Pop off set at 9700 psi. Pressure tested to 9725 psi. Backside pop 3750 psi. 2. Fracpro calculated 5 psi NWB, 2522 perf fric, 11 holes open. 3. Lost pump during flush, valves. No other issues, overall good job. Ball Seat Stage Pressures and Rate: 5290 psi @ 11.7 bpm , 5225 psi Pressure before Seating , 5295 psi Pressure after Seating Scaletrol 720-9.7% (2.7) Enzyme G HT III-4.7% (4.4), Alpha 452-4% (1.9) - Waiting on pressure regulator to fix in line for frac pumps. - JSA and safety meeting. RU WL for pump down. Test to 9000 Psi. OK. RIH. Pump down with max pump rate of 9 .4 bpm at 5050 psi. Set plug @ 12,670'. Pump 93 bbl to pump down plug. Perforate Stage 6 at 12,638-40', 12,546-48 , and

RECEIVED: Jan. 28, 2014

12,441-43. 3 1/8? guns at 60 degrees, 6 spf, 36 holes. POOH.All shots fired. All tools recovered. - Prime & pressure test to 9,850 psi and leak off. Found butterfly valve leaking on pump. SD and swap hoses to other port. Pressure test pressure lines to 9,854 psi. Good test. Set N2 pop off @ 9,700 psi. Regulator @ 386 psi. Bottle #1,550 psi. Set back side pop off between 7" and 4-1/2" casing to 3,750 psi. BO pressure. Holding 3,170 psi while Fracing. Pressure up on well head to 4,322 psi. Open well to finish Stage #5 frac. SICP 4,560 psi. 1. 386 psi on N2 regulator, 1550 psi on bottle, Pop off set at 9700 psi. Pressure tested to 9715 psi. Backside 3750 psi. 2. Fracpro calculated 150 psi NWB, 2879 perf fric, 11 holes open. Saw good ball action 191 bbls in, proceeded with job. CMG died on FET, could get going, wait on parts from Vernal. Opened well again at 4,440 psi at 15:45. Once job resumes, good job execution. JSA and safety meeting. Test lines to 9,715 psi, OK. Frac Wasatch 28 stage 5 as follows: Max rate 54 bpm, Avg rate 51 bpm. Max press 9,574 psi, Avg press 8,781 psi. Pmp 30 bbl 15% HCl. Fraced with 3,880 bbl of 20# Lightning slickwater. 199,794 lbs of 0.75 ? 6.0 PPG 30/50 CB RCS. Avg HHP: 10,933 100% sand placed on formation. GW-3LDF-3.2% (24.5), Scaletrol 720-13% (3.5) NE-900-3.1% (10.1) Enzyme G HT III-6.5% (3.7), Alpha 452-4% (1.8) - Continue to standby for equipment repairs. Equipment repaires complete - Finish Fracing stage 3 JSA and safety meeting. Test lines to 9,740psi, OK. Frac Wasatch 28 stage 3 as follows: Max rate 58 bpm, Avg rate 54 bpm. Max press 9,495 psi, Avg press 9,130 psi. Pmp 30 bbl 15% HCl. Fraced with 4460 bbl of 20# Lightning slickwater. 209,656 lbs of 0.75 ? 5.0 PPG 30/50 CB RCS. Avg HHP: 12,106. 100% sand placed on formation. 1. 375 psi on N2 regulator, 1500 psi on bottle, Pop off set at 9800 psi. Pressure tested to 9740 psi 2. Fracpro calculated 171 psi NWB, 2508 perf fric, 10 holes open. 3. Had extended FET to allow for crew change. 4. Had leak on high pressure iron during Xlink pad, shutdown to fix. Down approx. 30mins to fix. 5. Job treated high, but were able to get up to 55bpm and were able to place job completely. 6. No other issues, overall good job. Ball Seat Stage Pressures and Rate: 5485 psi @ 11.8 bpm , 5390 psi Pressure before Seating , 5495 psi Pressure after Seating GW-3LDF-2.4% (20.6), XLW-10A-6% (18.2), Scales orb 7-2.5% (19.6), CRB-LT-18.8% (37), NE-900-2.3% (8.4) Enzyme G HT III-7.1% (2.7), - 10:40 Standby for repairs to began stage 5 frac. Waiting on new fuel filter for CMG - Started stage 5 frac. @ 10:40 While doing a step down. CMG when down. Change primary fuel filter and could not get CMG started. Fried starter while trying to start CMG. Standby for repairs to began stage 5 frac. - JSA and safety meeting. RU WL for pump down. Test to 9000 Psi. OK. RIH. Pump down with max pump rate of 9 bpm at 5050 psi. Set plug @ 12,896'. Pump 94 bbl to pump down plug. Perforate Stage 5 at 12856-58', 12,794-96', and 12,682-84'. 3 1/8? guns at 60 degrees, 6 spf, 36 holes. POOH. All shots fired. All tools recovered. - JSA and safety meeting. Test lines to 9,800 psi, OK. Frac Wasatch 28 stage 4 as follows: Max rate 60 bpm, Avg rate 52 bpm. Max press 9,455 psi, Avg press 8,9790psi. Pmp 30 bbl 15% HCl. Fraced with 4011bbl of 20# Lightning slickwater. 212,062 lbs of 0.75 ? 6.0 PPG 30/50 CB RCS. Avg HHP: 11,502. 100% sand placed on formation. - JSA and safety meeting. RU WL for pump down. Test to 9000 Psi. OK. RIH. Pump down with max pump rate of 9.2 bpm @5050 psi. Set plug @ 13,140. Perforate Stage 4 at 13,082-84', 13,008-10, and 12,936-38'. 3 1/8? guns at 60 degrees, 6 spf, 36 holes. POOH. All shots fired. All tools recovered Total Bbls pumped-108.4 - JSA and Safety Meeting. Job procedure and NFX safety polices.
Daily Cost: $0
Cumulative Cost: $1,650,356

6/6/2013 Day: 46 **Completion**

Rigless on 6/6/2013 - Perf and frac stage 7, Frac stage 7, Plug/Perf stage 8, Frac stage 8, Plug/Perf stage 9, Frac stage 9, Plug/Perf stage 10, Frac stage 10, Perf stage 11 - JSA and safety meeting. Test lines to 9,828 psi, OK. Frac Wasatch 28 stage 8 as follows: Max rate 55 bpm, Avg rate 52 bpm. Max press 9,442 psi, Avg press 8,977 psi. Pmp 0 bbl 15% HCl. Fraced with 3,675 bbl of 20# Lightning slickwater. 199,812 lbs of 0.75 ? 6.0 PPG 30/50 CB RCS. Avg HHP: 11,331. 100% sand placed on formation. N2 pop off @ 9,700 psi. Regulator @ 400 psi. Bottle 1,520 psi. Back side pop off between 7" and 4-1/2" casing 3,750 psi. BO pressure.

RECEIVED: Jan. 28, 2014

Holding 3,400 psi while Fracing. Pressure up on well head to 4,400 psi. Open well for Stage #8 frac. SICP 4,564 psi. (4A-18-3-3WH SICP 4,202 psi). - JSA and safety meeting. RU WL for pump down. Test to 9000 Psi. OK. RIH. Pump down with max pump rate of 9.1 bpm @ 5035 psi. Set plug @ 12,102. Perforate Stage 8 at 12,070-72', 11,982 -84', and 11,886-88'. 3 1/8? guns at 60 degrees, 6 spf, 36 holes. Total Bbls pumped-83 POOH. All shots fired. All tools recovered - JSA and safety meeting. Test lines to 9,820 psi, OK. Frac Wasatch 28 stage 7 as follows: Max rate 58 bpm, Avg rate 55 bpm. Max press 9,455 psi, Avg press 9,140 psi. Pmp 0 bbl 15% HCl. Fraced with 5,027 bbl of 20# Lightning slickwater. 300,029 lbs of 0.75 ? 6.0 PPG 30/50 CB RCS. Avg HHP: 12,254. 100% sand placed on formation. - JSA and safety meeting. RU WL for pump down. Test to 9000 Psi. OK. RIH. Pump down with max pump rate of 8.8 bpm @5019 psi. Set plug @ 12,351. Perforate Stage 7 at 12,311-12', 12,240-41, and 12,180-81. And 12,124-12,125. 3 1/8? guns at 60 degrees, 6 spf, 24 holes. POOH. All shots fired. All tools recovered Total Bbls pumped-86.8 - JSA and safety meeting. RU WL for pump down. Test to 9,000 Psi. OK. RIH. Pump down with max pump rate of 9.3 bpm @ 5134 psi. Set plug @ 11,508. Perforate Stage 11 at 11,455-57'. 3 1/8? guns at 60 degrees, 6 spf, 12 holes. Total Bbls pumped-59.3 POOH. All shots fired. All tools recovered. - JSA and safety meeting. RU WL for pump down. Test to 8,900 Psi. OK. RIH. Pump down with max pump rate of 9.3 bpm @ 5089 psi. Set plug @ 11,851. Perforate Stage 9 at 11,781-83', 11,724-26', and 11,668-70'. 3 1/8? guns at 60 degrees, 6 spf, 36 holes. Total Bbls pumped-59 POOH. All shots fired. All tools recovered - Rig up wireline and test lubricator. Rih to liner top. CCL not working. - JSA and safety meeting. Test lines to 9,870 psi, OK. Frac Wasatch 28 stage 10 as follows: Max rate 41 bpm, Avg rate 40 bpm. Max press 9,190 psi, Avg press 8,030psi. Pmp 0 bbl 15% HCl. Fraced with 2,557bbl of 20# Lightning slickwater. 120,538 lbs of 0.75 ? 6.0 PPG 30/50 CB RCS. Avg HHP: 7,912. 98% sand placed on formation. N2 pop off @ 9,700 psi. Regulator @ 386 psi. Bottle 1,550 psi. Back side pop off between 7" and 4-1/2" casing 3,425 psi. BO pressure. Holding 3,350 psi while Fracing. Pressure up on well head to 4,200 psi. Open well for Stage #10 frac. SICP 4,533 psi. (4A-18-3-3WH SICP 4,201 psi. Ending pressure 4,235 psi). 1. 386 psi on N2 regulator, 1550 psi on bottle, Pop off set at 9700 psi. Pressure tested to 9870 psi. Backside pop 3750 psi. 2. Fracpro calculated 90 psi NWB, 3060 perf fric, 9 holes open. 3. Saw ball action 170 bbls in, proceed to job rate. 4. No issues placing job completely, overall good job by crew. Scalesorb 7-4.1% (16.7), Scaletrol 720-29.3% (5.7) CRB-LT-5.2% (9.4), Enzyme G HT III-4.4% (2.8), Alpha 452-11.7% (3.8) - JSA and safety meeting w/Baker Hughes frac. Job procedure and NFX safety police. - JSA and safety meeting. RU WL for pump down. Test to 9,000 Psi. OK. RIH. Pump down with max pump rate of 9.3 bpm @ 5089 psi. Set plug @ 11,592. Perforate Stage 10 at 11,558-60'. 3 1/8? guns at 60 degrees, 6 spf, 12 holes. Total Bbls pumped-59 POOH. All shots fired. All tools recovered. - JSA and safety meeting. Test lines to 9,790 psi, OK. Frac Wasatch 28 stage 9 as follows: Max rate 52 bpm, Avg rate 47 bpm. Max press 9,469 psi, Avg press 9,083 psi. Pmp 0 bbl 15% HCl. Fraced with 3,671 bbl of 29-24# Lightning slickwater. 196,702 lbs of 0.75 ? 6.0 PPG 30/50 CB RCS. Avg HHP: 10,419. 98% sand placed on formation. N2 pop off @ 9,700 psi. Regulator @ 390 psi. Bottle 1,500 psi. Back side pop off between 7" and 4-1/2" casing 3,750 psi. BO pressure. Holding 3,284 psi while Fracing. Pressure up on well head to 3,710 psi. Open well for Stage #9 frac. SICP 4,586 psi. (4A-18-3-3WH SICP 4,201 psi. Ending pressure 4,235 psi). - Pooh with live plug and perf gun. Change out weight bar as it was interfering with the integrity of the connection.

Daily Cost: $0

Cumulative Cost: $2,386,074

6/7/2013 Day: 47 **Completion**

Rigless on 6/7/2013 - Frac stage 11 screen out, Re-perf stage 11, Re-Frac stage 11, Plug/Perf stage 12, Frac stage 12. Perf stage 13. Frac stage 13 - JSA and safety meeting. RU WL for pump down. Test to 9,000 Psi. OK. RIH. - JSA and safety meeting. Test lines to 9,800 psi, OK. Frac Wasatch 28 stage 13 as follows: Max rate 54 bpm, Avg rate 52 bpm. Max press 9,320 psi, Avg press 8,975 psi. Pmp 0 bbl 15% HCl. Fraced with 3,629 bbl of 20# Lightning

RECEIVED: Jan. 28, 2014

slickwater. 196696 lbs of 0.75 ? 6.0 PPG 30/50 CB RCS. Avg HHP: 11,483. 97% sand placed on formation. Pressure test pressure lines to 9,800psi. Good test. N2 pop off @ 9,700 psi. Regulator @ 382 psi. Bottle 1,550 psi. Back side pop off between 7" and 4-1/2" casing 3,750 psi. BO pressure. Holding 3,443 psi while Fracing. Pressure up on well head to 3,340 psi. Open well for Stage #13 frac. SICP 4,590 psi. (4A-18-3-3WH DFIT gauge 4,245 psi. Battery 77%. Memory 93%). 1. 382 psi on N2 regulator, 1550 psi on bottle, Pop off set at 9700 psi. Pressure tested to 9800 psi. Backside pop 3750 psi. 2. Fracpro calculated 110 psi NWB, 2258 perf fric, 11 holes open. 3. Had trouble opening a gate on the Sand Master in the 6.0ppg sand stage, had dip in prop while swapping compartments. 4. No other issues, placed job completely. Overall good effort by crew. Scaletrol 720-8% (2.1) CRB-LT-15.3% (42.6), - JSA and safety meeting. RU WL for pump down. Test to 9,000 Psi. OK. RIH. Pump down with max pump rate of 9.2 bpm @ 5095 psi. Set plug @ 11,227. Perforate Stage 13 at 11,197-99', 11,153-55', and 11,072-74. 3 1/8? guns at 60 degrees, 6 spf, 36 holes. Total Bbls pumped-38.9 POOH. All shots fired. All tools recovered - JSA and safety meeting. Test lines to 9,883 psi, OK. Frac Wasatch 28 stage 12 as follows: Max rate 57 bpm, Avg rate 50 bpm. Max press 9,500 psi, Avg press 8,494 psi. Pmp 40 bbl 15% HCl. Fraced with 3,2715 bbl of 20# Lightning slickwater. 200,297 lbs of 0.75 ? 6.0 PPG 30/50 CB RCS. Avg HHP: 10,388. 97% sand placed on formation. Pressure test pressure lines to 9,883 psi. Good test. N2 pop off @ 9,700 psi. Regulator @ 380 psi. Bottle 1,500 psi. Back side pop off between 7" and 4-1/2" casing 3,750 psi. BO pressure. Holding 3,443 psi while Fracing. Pressure up on well head to 3,340 psi. Open well for Stage #12 frac. SICP 4,589 psi. (4A-18-3-3WH DFIT gauge 4,216 psi. Battery 80%. Memory 94%). 1. 380 psi on N2 regulator, 1500 psi on bottle, Pop off set at 9750 psi. Pressure tested to 9883 psi. Backside pop 3750 psi. 2. Fracpro calculated 120 psi NWB, 2667 perf fric, 12 holes open. Saw ball action 167.7 bbls in, proceed to job rate. Blender had difficulty maintaining density at the start of the job, one of the screws could not keep up. Able get lined out for 1 ppa. Had a few rate adjustments during the job. Lost a pump during stage and at start of flush, able to maintain rate. Overall good job execution by the crew. XLW-10A-6.2% (19.1), Scalesorb 7-8.7% (59.2), Scaletrol 720-8.4% (2.5) CRB-LT-6.2% (26.3), Alpha 452-3.7% (1.8) - JSA and safety meeting. RU WL for pump down. Test to 9,000 Psi. OK. RIH. Pump down with max pump rate of 9.3 bpm @ 5,114 psi. Set plug @ 11,388. Perforate Stage 12 at 11,358-60', 11,300-02', and 11,251-53'. 3 1/8? guns at 60 degrees, 6 spf, 36 holes. Total Bbls pumped-38 POOH. All shots fired. All tools recovered - JSA and safety meeting. Test lines to 9,908 psi, OK. Frac Wasatch 28 stage 11 as follows: Max rate 54 bpm, Avg rate 46 bpm. Max press 9,346 psi, Avg press 8,807 psi. Pmp 40 bbl 15% HCl. Fraced with 3,570 bbl of 20# Lightning slickwater. 116,646 lbs of 0.75 ? 6.0 PPG 30/50 CB RCS. Avg HHP: 10,016. 97% sand placed on formation. N2 pop off @ 9,700 psi. Regulator @ 380 psi. Bottle 1,550 psi. Back side pop off between 7" and 4-1/2" casing 3,750 psi. BO pressure. Holding 3,228 psi while Fracing. Pressure up on well head to 4,424 psi. Open well for Stage #11 frac. SICP 4,417 psi. (4A-18-3-3WH SICP 4,203 psi). - Continue Pooh with wireline and rig down for frac. - 09:30 Set N2 pop off @ 9,755 psi. Regulator @ 370 psi. Bottle 1,500 psi. Back side pop off between 7" and 4-1/2" casing 3,750 psi. BO pressure. Pressure test pressure lines to 9,868 psi and pressure leak off. Found that Baker 2? Bleed off valves are leaking, Rock Water 2? Bleed off valves are leaking by also. - JSA and safety meeting. RU WL for pump down. Test to 9,000 Psi. OK. RIH. Pump down with max pump rate of 9.1 bpm @ 6,006 psi. Re-Perforate Stage 11 at 11,418-20'. 3 1/8? guns at 60 degrees, 6 spf, 12 holes. Total Bbls pumped-71 POOH. All shots fired. All tools recovered. - HSM. JSA w/JW WL. Review Job procedure and Newfield safety polices. - 06:00 Pumping 20 bbls of 15% HCL acid down hole to break down formation. Pumping acid down at 4.2 bpm, 7,658 psi. Pumped 20 Bbls of 15% HCL acid w/182 Bbls of 3% KCL water at 4.2 BPM, 7,658 PSI. Started increasing rate to 9 BPM, 6,700 PSI. SD preparing to RU WL to RIH and reperf stage 11 @ 11,418-20'. 06:20 hsm. JSA w/Baker and flowback personal. Review Job procedure and Newfield safety polices. - Wait on acid. Acid on location. Spot acid transport. - JSA and safety meeting. Test lines to 9,870 psi, OK. Frac Wasatch 28 stage 11 as follows: Pumped ball down. Saw ball action. Got up to rate. Did step down. Pumped pad and Xlink. Started into .75#sand stage pressures spiked. Flushed well bore to within 20 bbls of perf. Flow well back. Open well up on 32/64? choke. Well flowing back at 6.7 bbls per min at 3000 psi. Closed choke to 26/64?. Flowed well back at 5.5 BPM at

RECEIVED: Jan. 28, 2014

between 3700 psi and 3900 psi with the change in fluid. Total bbls flowed back is 350 bbls or 2 wellbore volumes to perf's. Perf's at 11,455-57'. Tried to pump back into formation Pumped 244 bbls pressuring out at 2 bbls per min. Pressure at 9500. - 10:20 swapping out Baker and Rock water 2? bleed off valves. Change out 5? rubber seal on Baker 5? cap on frac head. Leaking. Pressure test to 9,908 psi. Good test. BO pressure to 4,424 psi. 11:45 Open well. SICP = 4,417 psi. (4A-18-3-3WH SICP=4,211 psi). Currently frac stage 11.
Daily Cost: $0
Cumulative Cost: $2,941,893

6/8/2013 Day: 48 **Completion**

Rigless on 6/8/2013 - Frac Stages 14,15, Plug/Perf stage 16, Frac stage 16, Set 2 kill plug (CBP), RDMO frac crew - JSA and safety meeting. RU WL for pump down. Test to 9,000 Psi. OK. RIH. Pump down with max pump rate of 8.5 bpm @ 5,135 psi. Set plug @ 11.017 Perforate Stage 14 at 11,000-02', 10,925-27', and 10,850-52'. 3 1/8? guns at 60 degrees, 6 spf, 36 holes. Total Bbls pumped-37.2 POOH. All shots fired. All tools recovered - Dry rodded 4? 2way check in the tbng hanger. Nippled down 4-1/16? frac stack and flow cross. Moved 7? 10K DSA adaptor down on top of the 4-1/16? HCR valve and torqued up. Nipple up and torque 7" 10k Blind shear rams. - Standby and wait on complete on the 4A-18-3-3wh - JSA and safety meeting. RU WL. Test lubricator to 5,000 Psi. OK. RIH W/ Kill plug #2. Set kill plug #2 (CBP) @ 9,540' w/0 psi. POOH w/WL tools. LD tools. All tools recovered. RD WL & crane. Move WL and crane over to the 4A-18-3-3WH to set 2 kill plugs. - JSA and safety meeting. Test lines to 9,740 psi, OK. Frac Wasatch 28 stage 14 as follows: Max rate 58 bpm, Avg rate 54 bpm. Max press 9,285 psi, Avg press 8,815 psi. . Fraced with 3,242 bbl of 20# Lightning slickwater. 191,080 lbs of 0.75 ? 6.0 PPG 30/50 CB RCS. Avg HHP: 12,466. 97% sand placed on formation. Pressure test pressure lines to 9,740 psi. Good test. N2 pop off @ 9,700 psi. Regulator @ 380 psi. Bottle 1,500 psi. Back side pop off between 7" and 4-1/2" casing 3,750 psi. BO pressure. Holding 3,443 psi while Fracing. Pressure up on well head to 3,340 psi. Open well for Stage #14 frac. SICP 4,890 psi. (4A-18-3-3WH DFIT gauge 4,436 psi. Battery 74%. Memory 93%). 1. 380 psi on N2 regulator, 1500 psi on bottle, Pop off set at 9700 psi. Pressure tested to 9740 psi. Backside pop 3750 psi. 2. Fracpro calculated 90 psi NWB, 2542 perf frac, 11 holes open. 3. Lost pump in 0.75ppg sand stage, jacking, able to maintain 55bpm for job. 4. Able to place job completely, not problems placing job. GW-3LDF-5% (34.2), CRB-LT-3.8% (9.1), - JSA and safety meeting. Test lines to 9,800 psi, OK. Frac Wasatch 28 stage 16 as follows: Max rate 60 bpm, Avg rate 56 bpm. Max press 9,427 psi, Avg press 9,073 psi. . Fraced with 3,114 bbl of 20# Lightning slickwater. 93,480 lbs of 0.75 ? 3.0 PPG 30/50 Carbo ISP & 95,040 lbs of 4.0 ? 8.0 PPG 30/50 CB RCS Avg HHP: 12,431. 93% sand placed on formation. N2 pop off @ 9,700 psi. Regulator @ 380 psi. Bottle 1,500 psi. Back side pop off between 7" and 4-1/2" casing 3,750 psi. BO pressure. Holding 3,254 psi while Fracing. Open well for Stage #16 frac. SICP 4,558 psi. (4A-18-3-3WH DFIT gauge at 4,379 psi). RDMO Baker Hughes frac equipment. - JSA and safety meeting. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 9.0 bpm @ 5,024 psi. Set plug @ 10,589' Perforate Stage 16 at 10,540-42', 10,460-62, and 10,385-87'. 3 1/8? guns at 60 degrees, 6 spf, 36 holes. Total Bbls pumped-19 POOH. All shots fired. All tools recovered - JSA and safety meeting. Test lines to 9,830 psi, OK. Frac Wasatch 28 stage 15 as follows: Max rate 58 bpm, Avg rate 56 bpm. Max press 9,370 psi, Avg press 8,990 psi. . Fraced with 2,681 bbl of 20# Lightning slickwater. 185,702 lbs of 0.75 ? 8.0 PPG 30/50 CB RCS. Avg HHP: 12,229. 93% sand placed on formation. N2 pop off @ 9,700 psi. Regulator @ 380 psi. Bottle 1,500 psi. Back side pop off between 7" and 4-1/2" casing 3,750 psi. BO pressure. Holding 3,443 psi while Fracing. Pressure up on well head to 3,340 psi. Open well for Stage #15 frac. SICP 4,535 psi. (4A-18-3-3WH 4,405 psi). - JSA and safety meeting. RU WL for pump down. Test to 9,000 Psi. OK. RIH. Pump down with max pump rate of 9.1 bpm @ 5,011 psi. Set plug @ 10,804 Perforate Stage 15 at 10,770-72', 10,698-00', and 10,620-22'. 3 1/8? guns at 60 degrees, 6 spf, 36 holes. Total Bbls pumped-30.2 POOH. All shots fired. All tools recovered - JSA and safety meeting. RU WL. Test lubricator to 9,547 Psi. OK. RIH W/ Kill plug #1. Set kill

RECEIVED: Jan. 28, 2014

plug #1 (CBP) @ 9,580' w/4,700 psi. Bleed off well to 0 psi while POOH w/WL tools. LD tools. All tools recovered
Daily Cost: $0
Cumulative Cost: $3,561,607

6/9/2013 Day: 49 **Completion**

Rigless on 6/9/2013 - Nipple up BOP stack for drill out operations. - Wait on rig for drillout. - Pulled 2-3/8? mandrel up to the upper 2-3/8? BOP pipe rams and closed same. Function & pressure test upper 2-3/8? BOP pipe rams against HCR valve and the two inside 2-1/16? outlet valve on flowcross close and w/ the two outside valve open to 250 for low, for 5 min. Test good. BO pressure. Testing same to 10,000 psi for high, for 10 min. Test good. BO pressure. Function & pressure test upper 2-3/8? BOP pipe rams against HCR valve and the two outside 2-1/16? outlet valve on flowcross close and w/ the two inside valve open to 250 for low, for 5 min. Test good. BO pressure. Testing same to 10,000 psi for high, for 10 min. Test good. BO pressure. Retested the shear rams as the door seal was leaking. - Finished the Nipple up of the BOP stack. Bop stack as follows. 1- 7"x4-1/16" 10K spool (already installed on wellhead. 2- 4-1/16" 10K HCR valve. (already installed on wellhead) 3- 4-1/16" 10K X 7-1/16" 10 K DSA flange 4- 7-1/16" 10 K Double BOP with blind shear rams on bottom and 2-3/8" pipe rams on top. 5- 7-1/16" Flow cross with dual double valve 2-1/16" outlets 6- 7-1/16" 10K single bop with 2-3/8" pipe rams installed 7- 7-1/16" 10k x 5K spool 8- 7-1/16" 5K Annular BOP/HyDrill - Prepare to run hoses to Accumulator and wait on testers to test the 4A-18-3-3WH bop stack. 11:00 RU Cameron. Open well w/0 psi. Pull TWCV out. SWI. ND 7-1/16" 10K annular preventer/HyDrill. 13:00 MIRU Weatherford Test unit. - RU Weatherford test unit. Perform dead head test to 10,000 psi. Test good. BO pressure. Perform accumulator hydraulic test to 1,500 psi on all component consisting of: Blind shear rams, bottom 2-3/8? pipe rams & upper 2-3/8? pipe rams. Test good. BO pressure. RU test hose to choke kill valve on double BOP. Closed Blind shear rams. Function & pressure test blind shear rams to 250 psi for low, for 5 min w/HCR valve closed. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. Open Shear blind rams. PU a 2-3/8? mandrel ran down though BOP stack to the lower 2-3/8? BOP pipe rams and closed same. Function & pressure test lower 2-3/8? BOP pipe rams against HCR valve to 250 for low, for 5 min. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. Open lower BOP pipe rams.
Daily Cost: $0
Cumulative Cost: $3,760,784

6/10/2013 Day: 50 **Completion**

Rigless on 6/10/2013 - Waiting on rig to finish drill out on Ute Tribal 4A-18-3-3WH - Waiting on rig to finish drill out on Ute Tribal 4A-18-3-3WH
Daily Cost: $0
Cumulative Cost: $3,796,766

6/11/2013 Day: 51 **Completion**

Rigless on 6/11/2013 - Waiting on rig to finish drill out on Ute Tribal 4A-18-3-3WH - Waiting on rig to finish drill out on Ute Tribal 4A-18-3-3WH
Daily Cost: $0
Cumulative Cost: $3,825,574

6/12/2013 Day: 52 **Completion**

RECEIVED: Jan. 28, 2014

Rigless on 6/12/2013 - Waiting on rig to finish drill out on Ute Tribal 4A-18-3-3WH - Waiting on rig to finish drill out on Ute Tribal 4A-18-3-3WH
Daily Cost: $0
Cumulative Cost: $3,839,390

6/13/2013 Day: 53 **Completion**

Rigless on 6/13/2013 - QT cleaning, inspecting & drift 2-3/8" tubing, - Wait on wind to die down and waiting on Daylight to rig up. - Waiting on rig - QT on location to clean, inspect & drift 466 jts 2-3/8" PH-6 (BH/CR WS) - Move in spot WOR and snubbing unit.
Daily Cost: $0
Cumulative Cost: $3,899,974

6/14/2013 Day: 54 **Completion**

Rigless on 6/14/2013 - Wait for wind to die down enough to RU WOR, MIRU WOR, snubbing unit. Test Snubbing unit. Begin Rih with Drill string. - Finished the day with 163 jts of 2-3/8" 5,95# PH-6 tbng in well. EOT-5050+BHA. - Tallied 122 jts 2-3/8" PH-6 tubing. PU & MU BHA consising of: Concave inserted Mill 2.899" OD x 3.742" OD x 2.863" OD x 3.73" OD x 2.13' long w/4 3/4" ports, Daul flapper valve 2.960" OD x 2.13' long, 1 jt 2-3/8" PH-6 tubing 30,97' long (3661) RN Nipple 2.909" OD w/1.710" ID, No Go 1.560" ID x 0.75' long, xxxxx jts 2-3/8" PH-6 tubing, 1 - 2-3/8" PH-6 tubing sub 7.50' long, R Nipple w/2.909" OD w/1.710" ID & xxxxx jts 2-3/8" PH-6. - Function and pressure test #1 pipe rams to 250 psi for low, for 5 min. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. Open #1 pipe rams. Pulled 2-3/8" mandrel up to the annular preventer BOP/HyDrill. Close annular preventer BOP/HyDrill and the #1 pipe rams ?? and pulled 2-3/8? mandrel up against the #1 rams, pressure test to 3,500 psi. Test good. BO pressure. (Rebuild 1 -2" bleed off valves. Used 2 Rock water 2? valves untill MT States repair there). 16:50 Currently Re-test bleed off and equalizing valves to 250 psi for low, for 5 min. Plan is to finish testing bled off and equalizing valves, RIH w/tubing and BHA. - Wait on daylight to rig up workover rig and snubbing unit. - 06:15 Continue to wait for wind to die down enough to RU WOR. - Shift change. On Location Hold Pre Job Safety meeting with MT States, Weatherford, Rock Water. Discuss NFX Policy and Procedures as well as OSHA ,BLM , UTE Tribal , Discuss Daily Operations and Job tasks for day , Review JSA and discuss Safety meeting Area , PPE FRC Clothing , Pinch Points , Line of fire , Pressure Release , Smoking Area High Pressure Lines . - 07:25 MIRU MT States WOR. 08:10 MIRU MT States 7-1/16" 5K Snubbing unit, spot HYD catwalk & pipe racks. Change out bag in MT States HyDrill. 110:38 MIRU Weatherford test unit. Preform dead head test to 5,000 psi. for 5 min. Test good. BO pressure. Test snubbing unit as follow: Closed blind rams. Function & pressure test blind and bleed off valve to 250 for low, for 5 min w/HCR valve close, pressure bleed off. ND bleed off line, retest. Found 2? bleed off valve leaking. BO pressure. Install a cap on bleed off valve. Re-test blind ram to 250 for low, for 5 min. Test good. BO pressure. Test same for high, for 10,000 psi. Test good. BO pressure. Open blind rams. PU 2-3/8" mandrel and ran it through snubbing unit stack below #2 BOP pipe rams. Close pipe rams. Function & pressure test #2 pipe rams to 250 for low, for 5 min. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. Open #2 pipe rams. Close #1 pipe rams.
Daily Cost: $0
Cumulative Cost: $3,919,813

6/15/2013 Day: 55 **Completion**

Rigless on 6/15/2013 - RU power swivel, DO KP #2,1, DO plug 15,14,13,12,10,9,8,7,6,5,4

RECEIVED: Jan. 28, 2014

and tag up on plug 3 - 07:45 - 07:55 Kill Plug #2 CBP (ttl 308)? Halliburton 8K Fasdrill - WL Set Depth: 9540 - TBG Tag Depth: 9533- Change in depth: -7 - Plug drill time: 10 - Wash Time: 0 - Sand ? 0? - Pump Pressure: 4000 - Pump Rate: 1.8? Wellhead Pressure ? 3000 through 13/64? adjustable choke, 3.5 bpm in return ? Stalls ? 0 ? Cuttings ? small ? PU Wt 58K. SO Wt 56K. Neutral Wt 58. WOB 6-8 Additional Comments: Continue pumping 25 bbls 3% KCL water. Continue RIH to Kill plug #1. - R/U power swivel on jt 308. Break circulation @ 1.8 bpm, 4,000 psi through 13/64" choke, 3,000 psi. - Inspected savor sub on power swivel. Had worn threads on the 2-3/8" PH-6 pin. Called RBS for new savor sub. Tie drilling line back on rig and prepare to rig up power swivel. - Continue ttripping in well w/ drillstring. 0200-had 240 jts in well to be @ 7494. move tbng to racks and talley. 0230-Continue running tbng in well. Target depth of 2nd kill plug@ 9540 0330-Tag up on Jt 308. 10' in to be at 9531.51 . Lay jt 308 down. - 2330pm-PU 9 jts 2-3/8" PH-6. (ttl 424) Tag Plug #3? Halliburton 8K Fasdrill - WL Set Depth: 13140- TBG Tag Depth: 13148 - PU 2 jt 2-3/8" PH-6. (ttl 407) Tag Plug #5? Halliburton 8K Fasdrill - WL Set Depth: 12,670- TBG Tag Depth: 12,678 Change in depth: +8 - Plug drill time: 20min Wash Time: 0 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.6? Wellhead Pressure ? 3700 through 15/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 54K. SO Wt 44K. Neutral Wt 48K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug #4 Free torque-1400. Drilling torque-2100. 2130pm-PU 8 jt 2-3/8" PH-6. (ttl 415) Tag Plug #4? Halliburton 8K Fasdrill - WL Set Depth: 12,896- TBG Tag Depth: 12,904 Change in depth: +8 - Plug drill time: 15min Wash Time: 0 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.6? Wellhead Pressure ? 3700 through 15/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 55K. SO Wt 44K. Neutral Wt 49K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug #3 Free torque-1600. Drilling torque-2200 - PU 2 jt 2-3/8" PH-6. (ttl 397) Tag Plug #6? Halliburton 8K Fasdrill - WL Set Depth: 12,351- TBG Tag Depth: 12,359 Change in depth: +8 - Plug drill time: 23- Wash Time: 0 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.6? Wellhead Pressure ? 3700 through 15/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 54K. SO Wt 44K. Neutral Wt 48K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug #5 Free torque-1400. Drilling torque-2100. - PU 2 jt 2-3/8" PH-6. (ttl 389) Tag Plug #7? Halliburton 8K Fasdrill - WL Set Depth: 12,102- TBG Tag Depth: 12,110 Change in depth: +8 - Plug drill time: 18- Wash Time: 0 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.6? Wellhead Pressure ? 3700 through 15/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 54K. SO Wt 44K. Neutral Wt 48K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug #7 Free torque-1400. Drilling torque-2000. - 16:48- 17:00 PU 2 jt 2-3/8" PH-6. (ttl 381) Tag Plug #8? Halliburton 8K Fasdrill - WL Set Depth: 11,851- TBG Tag Depth: 11,859- Change in depth: +8 - Plug drill time: 20- Wash Time: 0 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.6? Wellhead Pressure ? 3500 through 15/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 56K. SO Wt 54K. Neutral Wt 48K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug #7 Free torque-1300. Drilling torque-2000 - 16:48- 17:00 PU 2 jt 2-3/8" PH-6. (ttl 373) Tag Plug #9? Halliburton 8K Fasdrill - WL Set Depth: 11,592 - TBG Tag Depth: 11,600- Change in depth: +8 - Plug drill time: 12- Wash Time: 0 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.6? Wellhead Pressure ? 3500 through 15/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 52K. SO Wt 46K. Neutral Wt 48K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug #8 - 16:28- 16:38 PU 4 jt 2-3/8" PH-6. (ttl 371) Tag Plug #10? Halliburton 8K Fasdrill - WL Set Depth: 11,508 - TBG Tag Depth: 11.497- Change in depth: -11 - Plug drill time: 10- Wash Time: 0 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.6? Wellhead Pressure ? 3500 through 15/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 56K. SO Wt 54K. Neutral Wt 48K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug #9 - 15:27- 15:54 PU 5 jt 2-3/8" PH-6. (ttl 367) Tag Plug #11? Halliburton 8K Fasdrill - WL Set Depth: 11,388 - TBG Tag Depth: 11.373- Change in depth: -15 - Plug drill time: 27- Wash Time: 0 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.6? Wellhead Pressure ? 3600 through 15/64? adjustable

RECEIVED: Jan. 28, 2014

choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 54K. SO Wt 46K. Neutral Wt 48K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug #10 - 14:40- 15:03 PU 8 jt 2-3/8" PH-6. (ttl 362) Tag Plug #12 ? Halliburton 8K Fasdrill - WL Set Depth: 11,227 - TBG Tag Depth: 11.229- Change in depth: -2 - Plug drill time: 23- Wash Time: 0 - Sand ? 0? - Pump Pressure: 4900 - Pump Rate: 1.7? Wellhead Pressure ? 3500 through 16/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 49K. SO Wt 45K. Neutral Wt 46K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug #11 - 13:29 - 13:55 PU 7 jt 2-3/8" PH-6. (ttl 355) Tag Plug #13 ? Halliburton 8K Fasdrill - WL Set Depth: 11,017 - TBG Tag Depth: 10,999- Change in depth: -18 - Plug drill time: 26- Wash Time: 0 - Sand ? 0? - Pump Pressure: 4700 - Pump Rate: 1.7? Wellhead Pressure ? 3500 through 15/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 54K. SO Wt 46K. Neutral Wt 50K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug #12 - 11:52 - 13:02 PU 7 jt 2-3/8" PH-6. (ttl 349) Tag Plug #14 ? Halliburton 8K Fasdrill - WL Set Depth: 10,804' - TBG Tag Depth: 10803 - Change in depth: -1 - Plug drill time: 24- Wash Time: 0 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.7? Wellhead Pressure ? 3500 through 14/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 52K. SO Wt 46K. Neutral Wt 48K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug 13 - 11:31 - 11:52 PU 33 jt 2-3/8" PH-6. (ttl 342) Tag Plug #15 ? Halliburton 8K Fasdrill - WL Set Depth: 10,589' - TBG Tag Depth: 10598 Change in depth: -9- Plug drill time: 21- Wash Time: 0 - Sand ? 0? - Pump Pressure: 4900 - Pump Rate: 1.7? Wellhead Pressure ? 3600 through 14/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings ? small ? PU Wt 58K. SO Wt 48K. Neutral Wt 50K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH TO PLUG #14 - 09:15 Rack back power swivel. Continue RIH to CFP #15 at 10,589' "WLM". PU 30 jts 2-3/8" PH-6.(339 jts) 11:15 RU power swivel on jt 340. Break circulation, Swiveled in 2 jts. (441 jts). - 08:00 - 08:30 PU 1 jt 2-3/8" PH-6. (ttl 309) Tag Kill Plug #1 CBP ? Halliburton 8K Fasdrill - WL Set Depth: 9580' - TBG Tag Depth: 9569- Change in depth: -7 - Plug drill time: 30 - Wash Time: 0 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.8? Wellhead Pressure ? 3700 through 13/64? adjustable choke, 3.5 bpm in return ? Stalls ? 0 ? Cuttings ? small ? PU Wt 54K. SO Wt 46K. Neutral Wt 58. WOB 6-8 Additional Comments: Circ 1 B/U w/ 90 bbls. Circulate plug parts in returns. Continue RIH to plug #15

Daily Cost: $0

Cumulative Cost: $3,958,989

6/16/2013 Day: 56 **Completion**

Rigless on 6/16/2013 - Drill plugs 2,1,. Then pumped 2-1/2 time bottoms up circulation. RIH w/JW Spectral Gama Ray tools, Log up fr/13,786' to 9,887' RDMO WL, RU power swivel, swivel out 5 jts 2-3/8" PH-6 tubing, RD power swivel, POOH/LD 2-3/8"PH-6 tubing Secure well. - 07:25 MIRU JW Wireline and Weatherford test unit. MU & PU 3-1/2? lubricator w/Pump in sub, WL BOP. PU tool string inside lubricator consisting of: Spectral Gama Ray tool 1-11/16? OD x 4.50' long, CCL 1-11/16? OD x 2.62? long, 3 Wt bars 1-11/16? OD x 21? long & Cable head 1-7-1/16? OD x 10-5/8? long. MU lubricator on top of Weatherford 2? full opening TIW valve (closed). - 0200-PU 6 jts 2-3/8" PH-6. (ttl 438) Tag Plug #1? Halliburton 8K Fasdrill - WL Set Depth: 13,606- TBG Tag Depth: 13,614Change in depth: +8 - Plug drill time: 14 min Wash Time: 30 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.6? Wellhead Pressure ? 3700 through 15/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 55K. SO Wt 44K. Neutral Wt 49K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to CIBP @ 13880 Free torque-1600. Drilling torque-2200 - Flowing back well at 3,750 psi through 11/64? choke, 1 bbl per min flowing back. - Prepare to tie rig ahead and rack swivel back and roll up hoses.BOP stack is secured. Well flowing on 11/64" choke at 3750 psi. 1bbl per min flowing back. - POOH/LD 2-3/8" PH-6 working string while flowing well back while POOH at 3,750 psi through 12/64" choke. 17:30 OOH w/101 jts. EOT @ 10,676?. 345 in hole. Flowing back well at 3,750 psi through 11/64? choke, 1 bbl in

RECEIVED: Jan. 28, 2014

return.17:30 1930 pm-Still pooh w/ 2-3/8" PH-6 5.95# PH-6 tbng. 250 jts in well. EOT-7750. Flowing back well at 3,750 psi through 11/64? choke, 1 bbl per min flowing back. 2045pm-194 jts in well plus BHA. Eot=6008.Flowing back well at 3,750 psi through 11/64? choke, 1 bbl per min flowing back. - 13:55 RU Basic power swivel. Equalize from well across snubbing unit. Swivel out 5 jts 2-3/8" PH-6 tubing while rotating and LD tubing on pipe rack 14:25 Swivel out 5 jts 2-3/8" PH-6 tubing while rotating and LD tubing on pipe rack. PU Wt 62K. SO Wt 42K. Neutral Wt 44K. 14:45 Racking back power swivel in derrick. 15:00 Resume laying down 2 3/8" PH-6 tubing - Logging up hole from 13,824' at 60 ft/min to 9,887 "WLM". 500' above top Perf at 10,387 "WLM". POOH w/WL tools. SI TIW valve. LD logging tools. All tools recovered. 13:25 RDMO JW Wireline. - RIH w/Logging tools to 9,100' ?WLM? at 177 ft/min. Logged up hole to 8,930 correlate w/ X Nipple and 7.50' maker jt @ 8,960' w/tubing tally. Continue RIH to 9,970? (44*) and set down. PU WL tools up to 9,770', start pumping down at 107 ft/min at 1 bpm, 4,200 psi through 16/64? choke, 3,650 psi w/3 bpm in returns. SD pumping down @ 13,828'. SI casing. PU WL tools to string wt at 13,824'. SICP=3,750 psi. Started logging - RU test hose on pump in sub and pressure test lubricator to 1,000 psi and check for leaks. Test good. BO pressure. RDMO Weatherford test unit. Open TWI valve. - Hold Pre Job Safety meeting with JW Wireline, MT States, Rock Water & Weatherford. Review NFX safety Policy and Procedures, Review JSA and discuss WL procedure, over head load, Pinch Points , Pressure Release, Smoking Area, high pressure lines. - Layed 1 jt down and begin 2-1/2 times bottoms up circulation R&R pipe every 10 min. Should pump 440 bbls for full circulation. 0500am-160 bbls pumped. Pumping 1.6 bbls permin at 4900 psi. Returns are 3 bbls per min on 15/64" choke at 3500 psi. Adding polymer and FR in 2 gal sweeps every 20 min. 07:25 Finish circulating 2-1/2 BU w/440 Bbl 3% KCL water at 1.8 bpm at 5,000 psi through 15/64? choke at 3,500 psi. SI well w/3,750 psi. Closed Weatherford single BOP 2-3/8? pipe rams, lock in same. BO pressure on snubbing unit. Rack back power swivel. - Shift change. On Location Hold Pre Job Safety meeting with MT States, Weatherford, Rock Water. Discuss NFX Policy and Procedures as well as OSHA ,BLM , UTE Tribal , Discuss Daily Operations and Job tasks for day , Review JSA and discuss Safety meeting Area , PPE FRC Clothing , Pinch Points , Line of fire , Pressure Release , Smoking Area High Pressure Lines . - 0003-PU 8 jt 2-3/8" PH-6. (ttl 415) Tag Plug #3? Halliburton 8K Fasdrill - WL Set Depth: 13,140- TBG Tag Depth: 13,148 Change in depth: +8 - Plug drill time: 10min Wash Time: 0 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.6? Wellhead Pressure ? 3700 through 15/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 55K. SO Wt 44K. Neutral Wt 49K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug #2 Free torque-1600. Drilling torque-2200 1221am--PU 8 jt 2-3/8" PH-6. (ttl 431) Tag Plug #2? Halliburton 8K Fasdrill - WL Set Depth: 13,395- TBG Tag Depth: 13,403 Change in depth: +8 - Plug drill time: 13min Wash Time: 0 - Sand ? 0? - Pump Pressure: 4800 - Pump Rate: 1.6? Wellhead Pressure ? 3700 through 15/64? adjustable choke, 3 bpm in return ? Stalls ? 0 ? Cuttings plug parts? small ? PU Wt 55K. SO Wt 44K. Neutral Wt 49K. WOB 8-10 Additional Comments: Continue to circulate 10 to 15 bbls. Continue RIH to plug #2 Free torque-1600. Drilling torque-2200 - Tagged three ft high on jt #447 to be at 13,877. CIBP@ 13880. - 07:25 Finish circulating 2-1/2 BU w/440 Bbl 3% KCL water at 1.8 bpm at 5,000 psi through 15/64? choke at 3,500 psi. SI well w/3,750 psi. Closed Weatherford single BOP 2-3/8? pipe rams, lock in same. BO pressure on snubbing unit. Rack back power swivel.

Daily Cost: $0

Cumulative Cost: $4,032,940

6/17/2013 Day: 57 **Completion**

Rigless on 6/17/2013 - Finish pulling to balance point. Snub drill string out of well. Rig down snubbing unit. Rig down work over rig. Rig up flowback iron and sales line. Test flowback iron and shell test BOP. - Begin pressure testing flow back lines.. Pressure testing with NFX checklist and testing to NFX Guidelines. - Flowing back well at 3,750 psi through 11/64? choke, 1 bbl per min flowing back Safety meeting Area , PPE FRC Clothing , Pinch Points , Line

RECEIVED: Jan. 28, 2014

of fire , Pressure Release , Smoking Area High Pressure Lines . - Equalize press from well to snubbing unit. Unlock and open pipe rams. Continue POOH laying down 2 3/8" PH-6 tubing and BHA while flowing well back 1 BPM on a 11/64 choke @ 3,750 psi 07:50 hrs - Start snubbing out of hole w/ 109 jts tubing left to LD - Out of hole w BHA, Secure and shut well in. RDMO Snubbing unit and WOR - Start rigging in production lines for flowback. Finished rigging in flowback.
Daily Cost: $0
Cumulative Cost: $4,125,947

6/18/2013 Day: 58 **Completion**

Rigless on 6/18/2013 - Test Flow iron. Well shut in - Continue testing flowback iron to NFX standards using NFX guidelines for testing. All flow back iron and night cap were tested to NFX standards using NFX testing guidelines. - Wait on Production to finish piping in production flow lines to facilities to flow well. - All SCADA gauges installed on 4A/4-18-3-3WH. RU NFX equalizing hose from casing to kill valve outlet. Equalize from well across BOP stack w/3,700 psi. Open HCR valve. Closed kill & casing valves on the 4A-18-3-3WH. BO pressure. RD NFX equalizing hose. Open SCADA gauge. RU equalizing hose from flow cross from the 4A-18-3-3WH to the kill valves on 4-18-3-3WH and equalize across BOP stack w/3,700 psi. Open HCR valve. Closed kill & flow cross valves. BO pressure. RD equalizing hose. Open SCADA gauge and DFIT gauge. SICP 3,888 psi on the 4-18-3-3WH. 16:55 Open well on the 4A-18-3-3WH on 2/64? adjustable choke w/3,700 psi while flowing through Production equipment -
Daily Cost: $0
Cumulative Cost: $4,150,137

6/19/2013 Day: 59 **Completion**

Rigless on 6/19/2013 - continue to flowback the well. - 21:00 - Temp 77*, FCP-3672 psi, 6/64 choke, 13 bbls water, 0 bbls oil, gas - 0mcf. 22:00 - Temp 73*, FCP-3669 psi, 6/64 choke, 12 bbls water, 0 bbls oil, gas - 0mcf. 23:00 - Temp 74*, FCP-3665 psi, 6/64 choke, 16 bbls water, 0 bbls oil, gas - 0mcf. - 18:00 - Temp 76*, FCP-3675 psi, 6/64 choke, 5 bbls water, 0 bbls oil, gas - 212mcf. 19:00- Temp 76*, FCP-3675 psi, 6/64 choke, 10 bbls water, 0 bbls oil, gas - 0mcf. 20:00 - Temp 76*, FCP-3674 psi, 6/64 choke, 10 bbls water, 0 bbls oil, gas - 0mcf. - Well is shut in and ready to flowback as soon as the call comes in to open it up. - Opened well. FCP 3848 psi thru production equipment on a 6/64 choke. 16:00 - Temp 77*, FCP-3771 psi, 6/64 choke, 0 bbls water, 0 bbls oil, gas - 212 mcf 17:00 - Temp 76*, FCP-3675 psi, 6/64 choke, 30 bbls water, 0 bbls oil, gas - 212 mcf
Daily Cost: $0
Cumulative Cost: $4,163,748

6/20/2013 Day: 60 **Completion**

Rigless on 6/20/2013 - Flowing the well back - 24:00 - Temp 71*, FCP-3662 psi, 6/64 choke, 19 bbls water, 0 bbls oil, gas - 0mcf. 01:00 - Temp 70*, FCP-3660 psi, 6/64 choke, 13 bbls water, 0 bbls oil, gas - 0mcf. 02:00 - Temp 70*, FCP-3656 psi, 6/64 choke, 17 bbls water, 0 bbls oil, gas - 0mcf. - 03:00 - Temp 73*, FCP-3654 psi, 6/64 choke, 15 bbls water, 0 bbls oil, gas - 0mcf. 04:00 - Temp 72*, FCP-3653 psi, 6/64 choke, 15 bbls water, 0 bbls oil, gas - 0mcf. 05:00 - Temp 74*, FCP-3647 psi, 6/64 choke, 16 bbls water, 0 bbls oil, gas - 0mcf. - 09:00 - Temp 78*, FCP-3638 psi, 6/64 choke,10 bbls water, 0 bbls oil, gas - 0mcf 10:00 - Temp 79*, FCP-3621 psi, 6/64 choke,20 bbls water, 0 bbls oil, gas - 0mcf 11:00 - Temp 81*, FCP-3665 psi, 6/64 choke, 13 bbls water, 0 bbls oil, gas - 0mcf. 12:00 - Temp 80*, FCP-3680 psi, 6/64 choke, 22 bbls water, 0 bbls oil, gas - 0mcf. 13:00 - Temp 78*, FCP-3702 psi, 6/64 choke, 19 bbls water, 0 bbls oil, gas - 0mcf. - 14:00 - Temp 78*, FCP-3706 psi, 6/64 choke,

RECEIVED: Jan. 28, 2014

21 bbls water, 0 bbls oil, gas - 0mcf. 15:00 - Temp 81*, FCP-3754 psi, 6/64 choke, 20 bbls water, 0 bbls oil, gas - 0mcf. 16:00 - Temp 86*, FCP-3739 psi, 6/64 choke, 19 bbls water, 0 bbls oil, gas - 0mcf. 17:00 - Temp 90*, FCP-3763 psi, 6/64 choke, 5 bbls water, 0 bbls oil, gas - 0mcf. - 18:00 - Temp 95*, FCP-3767 psi, 8/64 choke, 1 bbls water, 0 bbls oil, gas - 0mcf. 19:00 - Temp 87*, FCP-3726 psi, 8/64 choke, 54 bbls water, 0 bbls oil, gas - 0mcf. 20:00 - Temp 86*, FCP-3752 psi, 8/64 choke, 0 bbls water, 0 bbls oil, gas - 32mcf. - 21:00 - Temp 101*, FCP-3780 psi, 8/64 choke, 23 bbls water, 0 bbls oil, gas - 83mcf. 22:00 - Temp 96 *, FCP-3837 psi, 8/64 choke, 25 bbls water, 0 bbls oil, gas - 30mcf. 23:00 - Temp 98 *, FCP-3877 psi, 8/64 choke, 39 bbls water, 0 bbls oil, gas - 45mcf. - 06:00 - Temp 74*, FCP-3647 psi, 6/64 choke, 15 bbls water, 0 bbls oil, gas - 0mcf 07:00 - Temp 75*, FCP-3657 psi, 6/64 choke, 22 bbls water, 0 bbls oil, gas - 0mcf 08:00 - Temp 78*, FCP-3646 psi, 6/64 choke, 22 bbls water, 0 bbls oil, gas - 0mcf

Daily Cost: $0
Cumulative Cost: $4,312,459

6/21/2013 Day: 61 **Completion**

Rigless on 6/21/2013 - Continue FB well - 09:00 - Temp 97 *, FCP-3870 psi, 8/64 choke, 32 bbls water, 13 bbls oil, gas ? 68mcf. 10:00 - Temp 98 *, FCP-3860 psi, 8/64 choke, 16 bbls water, 27 bbls oil, gas - 77mcf. 11:00 Well Temp 99*. -FCP on 8/64" choke 27 bbl H2O per hour @3860 psi. 3 bbl Oil per hour 86 MCF sales gas. 12:00 Well Temp 99*. -FCP on 8/64" choke 20 bbl H2O per hour @3860 psi. 9 bbl Oil per hour 68 MCF sales gas. - 05:00 - Temp 88 *, FCP-3886 psi, 8/64 choke, 5 bbls water, 32 bbls oil, gas - 85mcf. 06:00 - Temp 67*, FCP-3817 psi, 8/64 choke, 17 bbls water, 22 bbls oil, gas - 82mcf. 07:00 - Temp 92 *, FCP-3870 psi, 8/64 choke, 42 bbls water, 25 bbls oil, gas ? 80mcf. 08:00 - Temp 80 *, FCP-3875 psi, 8/64 choke, 23 bbls water, 5 bbls oil, gas - 80mcf. - 17:00 Well Temp 104*. -FCP on 10/64" choke 26 bbl H2O per hour @ 3875 psi. 17 bbl Oil per hour 144 MCF sales gas. - 18:00 - Temp 104*, FCP-3864 psi, 10/64 choke, 25 bbls water, 17 bbls oil, gas - 168mcf. 19:00 - Temp 105*, FCP-3856 psi, 10/64 choke, 32 bbls water, 10 bbls oil, gas - 0mcf. 20:00 - Temp 100*, FCP-3871 psi, 10/64 choke, 3 bbls water, 8 bbls oil, gas - 56mcf. - 21:00 - Temp 98*, FCP-3839 psi, 10/64 choke, 21 bbls water, 17 bbls oil, gas - 133mcf. 22:00 - Temp 95*, FCP-3852 psi, 10/64 choke, 25 bbls water, 15 bbls oil, gas - 142mcf. 23:00 - Temp 91*, FCP-3826 psi, 10/64 choke, 23 bbls water, 17 bbls oil, gas - 142mcf. - 13:00 Open well to 10/64" choke. 13:00 Well Temp 99*. -FCP on 8/64" choke 23 bbl H2O per hour @3860 psi. 11 bbl Oil per hour 84 MCF sales gas. 14:00 Well Temp 95*. -FCP on 10/64" choke 25 bbl H2O per hour @3860 psi. 12 bbl Oil per hour 104 MCF sales gas. 15:00 Well Temp 101*. -FCP on 10/64" choke 30 bbl H2O per hour @ 3875 psi. 20 bbl Oil per hour 108 MCF sales gas. 16:00 Well Temp 103*. -FCP on 10/64" choke 24 bbl H2O per hour @ 3880 psi. 12 bbl Oil per hour 98 MCF sales gas. - 03:00 - Temp 86 *, FCP-3884 psi, 8/64 choke, 20 bbls water, 0 bbls oil, gas - 89mcf. 04:00 - Temp 87 *, FCP-3888 psi, 8/64 choke, 66 bbls water, 10 bbls oil, gas - 59mcf. 05:00 - Temp 88 *, FCP-3886 psi, 8/64 choke, 5 bbls water, 32 bbls oil, gas - 85mcf. - 24:00 - Temp 88 *, FCP-3889 psi, 8/64 choke, 51 bbls water, 0 bbls oil, gas - 92mcf. 01:00 - Temp 84 *, FCP-3887 psi, 8/64 choke, 4 bbls water, 0 bbls oil, gas - 88mcf. 02:00 - Temp 87 *, FCP-3886 psi, 8/64 choke, 5 bbls water, 0 bbls oil, gas - 85mcf.

Daily Cost: $0
Cumulative Cost: $4,335,498

6/22/2013 Day: 62 **Completion**

Rigless on 6/22/2013 - Continue to FB the well - 10:00 Runners on location. Unloaded 319 jts 2-3/8", 4.7#, L-80 8RD tubing. QT on location to clean, inspect & drift 2-3/8" PH-6 tubing and 2-3/8", L-80 tubing 11:00 - Temp 89*, FCP-3800 psi, 10/64 choke, 34 bbls water, 17 bbls oil, gas - 152mcf. 12:00 - Temp 89*, FCP-3800 psi, 10/64 choke, 27 bbls water, 15 bbls oil, gas - 149mcf. 13:00 - Temp 91*, FCP-3800 psi, 10/64 choke, 23 bbls water, 17 bbls oil, gas -

RECEIVED: Jan. 28, 2014

166mcf. 14:00 - Temp 93*, FCP-3800 psi, 10/64 choke, 52 bbls water, 16 bbls oil, gas - 165mcf. - 24:00 - Temp 89*, FCP-3864 psi, 10/64 choke, 42 bbls water, 11 bbls oil, gas - 161mcf. 01:00 - Temp 86*, FCP-3848 psi, 10/64 choke, 31 bbls water, 19 bbls oil, gas - 141mcf. 02:00 - Temp 86*, FCP-3842 psi, 10/64 choke, 24 bbls water, 16 bbls oil, gas - 153mcf. - 18:00 - Temp 92*, FCP-3815 psi, 10/64 choke, 22 bbls water, 17 bbls oil, gas - 144mcf. 19:00 - Temp 91*, FCP-3816 psi, 10/64 choke, 25 bbls water, 18 bbls oil, gas - 146mcf. 20:00 - Temp 89*, FCP-3818 psi, 10/64 choke, 30 bbls water, 12 bbls oil, gas - 146mcf. - 21:00 - Temp 83*, FCP-3819 psi, 10/64 choke, 16 bbls water, 24 bbls oil, gas - 145mcf. 22:00 - Temp 82*, FCP-3816 psi, 10/64 choke, 44 bbls water, 16 bbls oil, gas - 162mcf. 23:00 - Temp 81*, FCP-3820 psi, 10/64 choke, 28 bbls water, 12 bbls oil, gas - 162mcf. - 15:00 - Temp 94*, FCP-3800 psi, 10/64 choke, 38 bbls water, 17 bbls oil, gas - 175mcf. 16:00 - Temp 93*, FCP-3800 psi, 10/64 choke, 29 bbls water, 17 bbls oil, gas - 154mcf. 17:00 - Temp 93*, FCP-3805 psi, 10/64 choke, 22 bbls water, 13 bbls oil, gas - 148mcf. - 03:00 - Temp 85*, FCP-3836 psi, 10/64 choke, 36 bbls water, 5 bbls oil, gas - 152mcf. 04:00 - Temp 82*, FCP-3824 psi, 10/64 choke, 29 bbls water, 34 bbls oil, gas - 144mcf. 05:00 - Temp 81*, FCP-3822 psi, 10/64 choke, 43 bbls water, 15 bbls oil, gas - 155mcf. - 06:00 - Temp 78*, FCP-3820 psi, 10/64 choke, 27 bbls water, 16 bbls oil, gas ? 150mcf. 07:00 - Temp 140*, FCP-3815 psi, 10/64 choke, 31 bbls water, 22 bbls oil, gas - 140mcf. 08:00 - Temp 162*, FCP-3810 psi, 10/64 choke, 25 bbls water, 14 bbls oil, gas - 162mcf. 09:00 - Temp 80*, FCP-3805 psi, 10/64 choke, 32 bbls water, 20 bbls oil, gas - 131mcf. 10:00 - Temp 86*, FCP-3800 psi, 10/64 choke, 28 bbls water, 17 bbls oil, gas - 143mcf.

Daily Cost: $0

Cumulative Cost: $4,354,012

6/23/2013 Day: 63 **Completion**

Rigless on 6/23/2013 - FB the well. - 03:00 - Temp 78*, FCP-3824 psi, 10/64 choke, 30 bbls water, 15 bbls oil, gas - 168mcf. 04:00 - Temp 77*, FCP-3824 psi, 10/64 choke, 29 bbls water, 19 bbls oil, gas - 189mcf. 05:00 - Temp 80*, FCP-3822 psi, 10/64 choke, 30 bbls water, 22 bbls oil, gas - 204mcf. - 06:00 - Temp 79*, FCP-3820 psi, 10/64 choke, 25 bbls water, 10 bbls oil, gas - 150mcf. 07:00 - Temp 94*, FCP-3820 psi, 10/64 choke, 26 bbls water, 18 bbls oil, gas - 234mcf. 08:00 - Temp 107*, FCP-3814 psi, 10/64 choke, 27 bbls water, 18 bbls oil, gas - 195mcf. 10:00 - Temp 103*, FCP-3822 psi, 10/64 choke, 30 bbls water, 17 bbls oil, gas - 195mcf. 11:00 - Temp 101*, FCP-3824 psi, 10/64 choke, 34 bbls water, 18 bbls oil, gas - 205mcf. 12:00 - Temp 102*, FCP-3818 psi, 10/64 choke, 23 bbls water, 20 bbls oil, gas - 214mcf. 13:00 - Temp 109*, FCP-3817 psi, 10/64 choke, 17 bbls water, 20 bbls oil, gas - 201mcf. 14:00 - Temp 112*, FCP-3816 psi, 10/64 choke, 22 bbls water, 17 bbls oil, gas - 208mcf. - 15:00 - Temp 109*, FCP-3814 psi, 10/64 choke, 26 bbls water, 17 bbls oil, gas - 208mcf. 16:00 - Temp 112*, FCP-3813 psi, 10/64 choke, 25 bbls water, 19 bbls oil, gas - 197mcf. 17:00 - Temp 110*, FCP-3813 psi, 10/64 choke, 29 bbls water, 18 bbls oil, gas - 200mcf. - 21:00 - Temp 98*, FCP-3807 psi, 10/64 choke, 32 bbls water, 22 bbls oil, gas - 173mcf. 22:00 - Temp 97*, FCP-3806 psi, 10/64 choke, 25 bbls water, 10 bbls oil, gas - 183mcf. 23:00 - Temp 96*, FCP-3825 psi, 10/64 choke, 13 bbls water, 23 bbls oil, gas - 170mcf. - 18:00 - Temp 107*, FCP-3812 psi, 10/64 choke, 28 bbls water, 22 bbls oil, gas - 185mcf. 19:00 - Temp 100*, FCP-3809 psi, 10/64 choke, 28 bbls water, 27 bbls oil, gas - 194mcf. 20:00 - Temp 99*, FCP-3810 psi, 10/64 choke, 22 bbls water, 13 bbls oil, gas - 187mcf. - 24:00 - Temp 80*, FCP-3820 psi, 10/64 choke, 27 bbls water, 20 bbls oil, gas - 167mcf. 01:00 - Temp 79*, FCP-3820 psi, 10/64 choke, 26 bbls water, 20 bbls oil, gas - 163mcf. 02:00 - Temp 75*, FCP-3819 psi, 10/64 choke, 25 bbls water, 24 bbls oil, gas - 173mcf.

Daily Cost: $0

Cumulative Cost: $4,417,834

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6/24/2013 Day: 64 **Completion**

Rigless on 6/24/2013 - Continue FB well - 18:00 - Temp 104*, FCP-3764 psi, 10/64 choke, 30 bbls water, 13 bbls oil, gas - 178 mcf. 19:00 - Temp 100*, FCP-3758 psi, 10/64 choke, 10 bbls water, 12 bbls oil, gas - 193 mcf. 20:00 - Temp 98*, FCP-3742 psi, 10/64 choke, 13 bbls water, 14 bbls oil, gas - 183 mcf. 21:00 - Temp 98*, FCP-3742 psi, 10/64 choke, 13 bbls water, 14 bbls oil, gas - 183 mcf. 22:00 - Temp 97*, FCP-3738 psi, 10/64 choke, 81 bbls water, 36 bbls oil, gas - 206 mcf. 23:00 - Temp 86*, FCP-3734 psi, 10/64 choke, 23 bbls water, 17 bbls oil, gas - 189 mcf. - 12:00 - Temp 110*, FCP-3777 psi, 10/64 choke, 27 bbls water, 18 bbls oil, gas - 213mcf. 13:00 - Temp 110*, FCP-3775 psi, 10/64 choke, 27 bbls water, 19 bbls oil, gas - 217mcf. 14:00 - Temp 110*, FCP-3773 psi, 10/64 choke, 25 bbls water, 17 bbls oil, gas - 202mcf. 15:00 - Temp 112*, FCP-3772 psi, 10/64 choke, 26 bbls water, 18 bbls oil, gas - 208mcf. 16:00 - Temp 110*, FCP-3771 psi, 10/64 choke, 25 bbls water, 18 bbls oil, gas - 202mcf. 17:00 - Temp 108*, FCP-3769 psi, 10/64 choke, 27 bbls water, 19 bbls oil, gas - 200mcf. - 03:00 - Temp 70*, FCP-3792 psi, 10/64 choke, 26 bbls water, 25 bbls oil, gas - 184mcf. 04:00 - Temp 70*, FCP-3794 psi, 10/64 choke, 29 bbls water, 12 bbls oil, gas - 179mcf. 05:00 - Temp 78*, FCP-3794 psi, 10/64 choke, 23 bbls water, 25 bbls oil, gas - 186mcf. - 24:00 - Temp 95*, FCP-3804 psi, 10/64 choke, 43 bbls water, 19 bbls oil, gas - 185mcf. 01:00 - Temp 94*, FCP-3794 psi, 10/64 choke, 4 bbls water, 33 bbls oil, gas - 186mcf. 02:00 - Temp 86*, FCP-3794 psi, 10/64 choke, 45 bbls water, 9 bbls oil, gas - 150mcf. - 06:00 - Temp 80*, FCP-3793 psi, 10/64 choke, 33 bbls water, 3 bbls oil, gas - 212mcf. 07:00 - Temp 98*, FCP-3790 psi, 10/64 choke, 29 bbls water, 17 bbls oil, gas - 195mcf. 08:00 - Temp 110*, FCP-3783 psi, 10/64 choke, 21 bbls water, 20 bbls oil, gas - 197mcf. 09:00 - Temp 110*, FCP-3781 psi, 10/64 choke, 20 bbls water, 18 bbls oil, gas - 219mcf. 10:00 - Temp 110*, FCP-3780 psi, 10/64 choke, 33 bbls water, 22 bbls oil, gas - 186mcf. 11:00 - Temp 111*, FCP-3779 psi, 10/64 choke, 24 bbls water, 18 bbls oil, gas - 195mcf.
Daily Cost: $0
Cumulative Cost: $4,468,454

6/25/2013 Day: 65 **Completion**

Rigless on 6/25/2013 - SWI, ND night cap, NU Cudd CT stack on BOP stack, Cleanout with coil tbg.to PBTD, POOH, RD coil stack and put night cap back and put well back on production. - 11:45-CUDD coil tbg is at surface HCR Valve and Blind Shears are shut and BOP stack is bleed off. We will RD CUDD coil stack and put night cap back on pressure test stack and open up the well to production. - 18:40- CUDD tagged up @ 13877? which is PBTD. Sent a 20bbl sweep. Pulled three samples and so far the amount of sand is less then 16th of a teaspoon in the bottom of a pint size bottle. 19:15- CUDD coil started POOH to come to surface. - 17:50 Currently at 11,750? - 14:19- TIH at 50 ft/min to First short trip @ 11,300? no sign sand at this point. Circulating pressure at 2 bpm @ 5,274 psi through 14/64? choke @ 3,609 psi to production equipment. Getting back 3 bpm back in return. P/U to 9400? ?CTM?. RIH to next short trip. 15:32 Pump a 10 bbl sweep @ 11,200? 16;01- TIH at 50 ft/min to Second short trip @ 12,500? no sign sand at this point. Circulating pressure at 2 bpm @ 4,800 psi through 14/64? choke @ 3,359 psi to production equipment. Getting back 3 bpm back in return. 17:08 P/U to 9400? ?CTM?. RIH to next short trip. - 12:30 Currently at 3,500?. Continue TIH w/BHA at 100 ft/min. Circulating at .7 bpm @ 4,100 psi through 14/64? choke @ 3,850 psi to production equipment. Getting back 1.6 bpm back in return. 13:35 Cudd did a weight check at 5,500' and everything look good according to their calculation. Continue TIH & CO at 50 ft/min. Continue TIH & CO at 80 ft/min. Circulating at .7 bpm @ 4,300 psi through 12/64? choke @ 3,650 psi to production equipment. Getting back 1.7 bpm back in return. 13:45 Currently at 9,764? ?CTM?. Increase circulating pressure to 2 bpm @ 5,052 psi through 14/64? choke @ 3,500 psi to production equipment. Getting back 3 bpm back in return. - 11:15 TIH w/Weatherford BHA consisting of: 2" coil tubing connector, MHA w/disconnect ball .875? 2.875" OD x 0.683" ID x 3.55' long, Dual acting jar 2.875" OD x 0.938" ID x 6.22'

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long, High Tensile Disconnect w/ disconnect ball 0.625" 2.875" OD x 0.500" ID x 2.27' long, HTCTD Motor 2.875" OD x 0000" ID x 12.41' long & 3.756" OD 4 bladed Concave mill. - 10:40 MIRU Weatherford test hose onto Weatherford double BOP kill valve outlet. Currently Pressure testing CT Stack and 7-1/16' 10K flange. O 250 psi for low, for 5 min. Test good. BO Pressure. Test same to 10,000 psi for high, for 10 min. Test Ok. BO pressure down to 4,000 psi. Open well. - 08:45 MIRU Cudd crane. Weatherford ND 7-1/16? 10K night cap. 09:00 Weatherford change Mill from 4-1/2? to 3.75? mill. Function test HTCTH Motor on surface at 2 bpm at 2100 psi. Test good. 09:15 Currently RU Cudd CT stack on top of BOP stack. 10:15 RU Cudd CT stack on top of BOP stack. - 06:00 - Temp 80*, FCP-3803 psi, 10/64 choke, 24 bbls water, 19 bbls oil, gas - 197mcf. 07:00 - Temp 103*, FCP-3706 psi, 10/64 choke, 23 bbls water, 15 bbls oil, gas - 190mcf. 08:00 - Temp 104*, FCP-3726 psi, 10/64 choke, 27 bbls water, 20 bbls oil, gas - 192mcf. 08:35- Temp 105*, FCP-3726 psi, 10/64 choke, 13 bbls water, 10 bbls oil, gas - 0mcf. SWI. - 00:00 - Temp 82*, FCP-3749 psi, 10/64 choke, 25 bbls water, 29 bbls oil, gas - 192 mcf. 01:00 - Temp 80*, FCP-3733 psi, 10/64 choke, 52 bbls water, 15 bbls oil, gas - 199 mcf. 02:00 - Temp 79*, FCP-3740 psi, 10/64 choke, 22 bbls water, 15 bbls oil, gas - 190 mcf. 03:00 - Temp 78*, FCP-3820 psi, 10/64 choke, 32 bbls water, 25 bbls oil, gas - 183 mcf. 04:00 - Temp 78*, FCP-3818 psi, 10/64 choke, 25 bbls water, 22 bbls oil, gas - 196 mcf. 05:00 - Temp 79*, FCP-3813 psi, 10/64 choke, 28 bbls water, 18 bbls oil, gas - 182 mcf.
Daily Cost: $0
Cumulative Cost: $4,485,737

6/26/2013 Day: 66 **Completion**

Rigless on 6/26/2013 - Flow the well back to production. Waiting on the call to run the PTL log. - 02:00-Night cap and BOP stack are pressure tested to 9800psi. Blind shears and HCR valves are open well is flowing back. - 03:00 - Temp 84*, FCP-3348 psi, 10/64 choke, 27 bbls water, 0 bbls oil, gas - 0mcf. 04:00 - Temp 82*, FCP-3328 psi, 10/64 choke, 32 bbls water, 0 bbls oil, gas - 0mcf. 05:00 - Temp 80*, FCP-3375 psi, 10/64 choke, 33 bbls water, 0 bbls oil, gas - 0mcf. - 06:00 - Temp 81*, FCP-3508 psi, 10/64 choke, 35 bbls water, 0 bbls oil, gas - 0mcf. 07:00 - Temp 83*, FCP-3629 psi, 10/64 choke, 57 bbls water, 0 bbls oil, gas - 0mcf. 08:00 - Temp 85*, FCP-3685 psi, 10/64 choke, 26 bbls water, 0 bbls oil, gas - 123mcf. 09:00 - Temp 84*, FCP-3680 psi, 10/64 choke, 10 bbls water, 27 bbls oil, gas - 123mcf. 10:00 - Temp 132*, FCP-3679 psi, 10/64 choke, 39 bbls water, 8 bbls oil, gas - 132mcf. - 10:00 Plan is to turn well over to Energy & Rock Water to continue FB well as per Engineer. Release vendors tell a later date to run PLT log 11:00 - Temp 154*, FCP-3688 psi, 10/64 choke, 30 bbls water, 18 bbls oil, gas -154mcf. Plan is to continue FB well. Will run PLT log at a later date. - -CUDD coil tbg is at surface HCR Valve and Blind Shears are shut and BOP stack is bleed off. We will RD CUDD coil stack and put night cap back on pressure test stack and open up the well to production. - 13:45 Turn well over to Energy Services & Rock Water to FB well until FB is complete. 14:00 - Temp 89*, FCP-3675 psi, 10/64 choke, 22 bbls water, 15 bbls oil, gas -177mcf. 15:00 - Temp 90*, FCP-3682 psi, 10/64 choke, 30 bbls water, 15 bbls oil, gas -175mcf. - 16:00 - Temp 91*, FCP-3685 psi, 10/64 choke, 6 bbls water, 26 bbls oil, gas - 146mcf. 17:00 - Temp 94*, FCP-3687 psi, 10/64 choke, 34 bbls water, 20 bbls oil, gas - 123mcf. - 18:00 - Temp 112*, FCP-3696 psi, 10/64 choke, 26 bbls water, 15 bbls oil, gas - 187mcf. 19:00 - Temp 106*, FCP-3680 psi, 10/64 choke, 22 bbls water, 12 bbls oil, gas - 168mcf. 20:00 - Temp 103*, FCP-3685 psi, 10/64 choke, 22 bbls water, 18 bbls oil, gas - 177mcf. - 21:00 - Temp 100*, FCP-3671 psi, 10/64 choke, 25 bbls water, 20 bbls oil, gas - 169mcf. 22:00 - Temp 97*, FCP-3664 psi, 10/64 choke, 25 bbls water, 17 bbls oil, gas - 180mcf. 23:00 - Temp 95*, FCP-3650 psi, 10/64 choke, 20 bbls water, 22 bbls oil, gas - 172mcf. - 12:00 - Temp 89*, FCP-3678 psi, 10/64 choke, 21 bbls water, 24 bbls oil, gas - 143mcf. 13:00 - Temp 90*, FCP-3675 psi, 10/64 choke, 17 bbls water, 12 bbls oil, gas - 153mcf.
Daily Cost: $0
Cumulative Cost: $4,589,503

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6/27/2013 Day: 67 **Completion**

Rigless on 6/27/2013 - FB well - 17:00 Well Temp 95*. FCP 3590 psi on 12/64? choke. 11 hrs flowing 293 bbls oil, 343 bbls water, gas- 272mcf - 00:00 - Temp 92*, FCP-3646 psi, 10/64 choke, 20 bbls water, 23 bbls oil, gas - 171mcf. 01:00 - Temp 90*, FCP-3658 psi, 10/64 choke, 17 bbls water, 15 bbls oil, gas - 168mcf. 02:00 - Temp 88*, FCP-3644 psi, 10/64 choke, 23 bbls water, 15 bbls oil, gas - 197mcf. - 03:00 - Temp 88*, FCP-3653 psi, 10/64 choke, 24 bbls water, 14 bbls oil, gas - 146mcf. 04:00 - Temp 84*, FCP-3643 psi, 10/64 choke, 18 bbls water, 25 bbls oil, gas - 166mcf. 05:00 - Temp 82*, FCP-3641 psi, 10/64 choke, 24 bbls water, 24 bbls oil, gas - 101mcf. - 06:00 - Temp 83*, FCP-3636 psi, 10/64 choke, 22 bbls water, 17 bbls oil, gas ? 179mcf. 09:00 Well Temp 86*. FCP 3630 psi on 12/64? choke. 3 hrs flowing 85 bbls oil, 97 bbls water, gas- 216mcf 12:00 Well Temp 88*. FCP 3634 psi on 12/64? choke. 6 hrs flowing 157 bbls oil, 183 bbls water, gas- 273mcf 15:00 Well Temp 94*. FCP 3603 psi on 12/64? choke. 9 hrs flowing 244 bbls oil, 276 bbls water, gas- 250mcf - 20:00 Well Temp 114*. FCP 3567 psi on 12/64? choke. 14 hrs flowing 366 bbls oil, 442 bbls water, gas- 302mcf - 23:00 Well Temp 110*. FCP 3554 psi on 12/64? choke. 17 hrs flowing 442 bbls oil, 525 bbls water, gas- 269mcf

Daily Cost: $0

Cumulative Cost: $4,603,060

6/28/2013 Day: 68 **Completion**

Rigless on 6/28/2013 - FB Well - 17:00 Well Temp 110*. FCP 3445 psi on 12/64? choke. 11 hrs flowing. 276 bbls oil, 334 bbls water, gas- 254mcf 20:00 Well Temp 109*. FCP 3445 psi on 12/64? choke. 14 hrs flowing. 339 bbls oil, 433 bbls water, gas- 261mcf 23:00 Well Temp 104*. FCP 3411 psi on 12/64? choke. 17 hrs flowing. 415 bbls oil, 524 bbls water, gas- 239mcf. - 05:00 Well Temp 98*. FCP 3479 psi on 12/64? choke. 23 hrs flowing 598 bbls oil, 713 bbls water, gas- 269mcf - 02:00 Well Temp 102*. FCP 3529 psi on 12/64? choke. 20 hrs flowing 522 bbls oil, 622 bbls water, gas- 276mcf - 06:00 Well Temp 98*. FCP 3510 psi on 12/64? choke. 24 hrs flowing 624 bbls oil, 742 bbls water, gas- 253mcf. 09:00 Well Temp 101*. FCP 3498 psi on 12/64? choke. 3 hrs flowing. 74 bbls oil, 97 bbls water, gas- 260mcf 12:00 Well Temp 115*. FCP 3484 psi on 12/64? choke. 6 hrs flowing. 169 bbls oil, 195 bbls water, gas- 262mcf 15:00 Well Temp 114*. FCP 3470 psi on 12/64? choke. 9 hrs flowing. 234 bbls oil, 282 bbls water, gas- 262mcf

Daily Cost: $0

Cumulative Cost: $4,615,510

6/29/2013 Day: 69 **Completion**

Rigless on 6/29/2013 - FB Well - 20:00 Well Temp 113*. FCP 3338 psi on 12/64? choke. 14 hrs flowing. 323 bbls oil, 405 bbls water, gas- 288mcf. 23:00 Well Temp 111*. FCP 3341psi on 12/64? choke. 17 hrs flowing. 395 bbls oil, 491 bbls water, gas- 294mcf. - 02:00 Well Temp 99*. FCP 3409 psi on 12/64? choke. 20 hrs flowing. 497 bbls oil, 607 bbls water, gas- 262mcf. 05:00 Well Temp 100*. FCP 3400 psi on 12/64? choke. 23 hrs flowing. 582 bbls oil, 714 bbls water, gas- 265mcf. - 06:00 Well Temp 90*. FCP 3399 psi on 12/64? choke. 24 hrs flowing. 600 bbls oil, 749 bbls water, gas- 246mcf. 09:00 Well Temp 99*. FCP 3387 psi on 12/64? choke. 3 hrs flowing. 62 bbls oil, 92 bbls water, gas- 252mcf. 12:00 Well Temp 110*. FCP 3376 psi on 12/64? choke. 6 hrs flowing. 135 bbls oil, 177 bbls water, gas- 243mcf. 15:00 Well Temp 106*. FCP 3380 psi on 12/64? choke. 9 hrs flowing. 143 bbls oil, 289 bbls water, gas- 269mcf. 17:00 Well Temp 105*. FCP 3375 psi on 12/64? choke. 11 hrs flowing. 190 bbls oil, 356 bbls water, gas- 264mcf.

Daily Cost: $0

Cumulative Cost: $4,627,654

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6/30/2013 Day: 70 **Completion**

Rigless on 6/30/2013 - FB Well - 02:00 Well Temp 109*. FCP 3313psi on 12/64? choke. 20 hrs flowing. 467 bbls oil, 583 bbls water, gas- 284mcf. 06:00 Well Temp 97*. FCP 3307 psi on 12/64? choke. 24 hrs flowing. 567 bbls oil, 681 bbls water, gas- 266mcf. - 10:00 Well Temp 98*. FCP 3285 psi on 12/64? choke. 4 hrs flowing. 68 bbls oil, 116 bbls water, gas- 285mcf. 13:00 Well Temp 110*. FCP 3273 psi on 12/64? choke. 7 hrs flowing. 162 bbls oil, 224 bbls water, gas- 277mcf. 16:00 Well Temp 113*. FCP 3265 psi on 12/64? choke. 10 hrs flowing. 234 bbls oil, 309 bbls water, gas- 265mcf. 17:00 Well Temp 112*. FCP 3260 psi on 12/64? choke. 11 hrs flowing. 252 bbls oil, 332 bbls water, gas- 270mcf. - 21:00 Well Temp 115*. FCP 3256 psi on 12/64? choke. 15 hrs flowing. 351 bbls oil, 372 bbls water, gas- 285mcf. 22:00 Well Temp 118*. FCP 3233 psi on 12/64? choke. 16 hrs flowing. 373 bbls oil, 403 bbls water, gas- 308mcf. 23:00 Well Temp 112*. FCP 3245 psi on 12/64? choke. 17 hrs flowing. 395 bbls oil, 430 bbls water, gas- 279mcf. 00:00 Well Temp 111*. FCP 3233 psi on 12/64? choke. 18 hrs flowing. 418 bbls oil, 543 bbls water, gas- 286mcf. Current Well 18 hrs flowing. 418 bbls oil, 543 bbls water - 18:00 Well Temp 125*. FCP 3245 psi on 12/64? choke. 12 hrs flowing. 281 bbls oil, 372 bbls water, gas- 261mcf. 19:00 Well Temp 116*. FCP 3249 psi on 12/64? choke. 13 hrs flowing. 304 bbls oil, 403 bbls water, gas- 272mcf. 20:00 Well Temp 116*. FCP 3252 psi on 12/64? choke. 14 hrs flowing. 326 bbls oil, 430 bbls water, gas- 275mcf. Current Well 14 hrs flowing. 326 bbls oil, 430 bbls water

Daily Cost: $0

Cumulative Cost: $4,643,305

7/1/2013 Day: 71 **Completion**

Rigless on 7/1/2013 - FB Well and run PLT on CT - 23:15 Out Of Hole with Coil and Recon BHA Closed Cudd 4-1/16? 15K manual gate valve. Bleed pressure off lubricator. Break down BHA 00:00 Continue flowing well back while RECON check data Estimated 3 hrs to check Data on PLT log. Well Temp 116*. FCP 3134 psi on 12/64? choke. 16 hrs flowing. 366 bbls oil, 449 bbls water, 262 mcf. - 19:15 RIH w/third passes from 9,800? down to 13,830? @ 90 ft/min 20:02 Stop for 3 min @ 13,830?. 20:05 P/U hole w/third pass at 90 ft/min and stop for 2 min between each pass at 13,610?, 13,380?, 13,110?, 12,900?, 12,650?, 12,370?, 12,090?, 11,825?, 11,605?, 11,500?, 11,380?, 11,220?, 11,030?, 11,800?, 10,575?, 10,33O? & at 9,800? 21:30 TOOH w/BHA from 9,800 up to surface @ 120 ft/min. 22:00 Continue TOOH w/BHA from 7,800 up to surface @ 120 ft/min. Well Temp 114*. FCP 3137 psi on 12/64? choke. 14 hrs flowing. 317 bbls oil, 412 bbls water, gas, 296 mcf.- - 07:15 Hold Pre Job Safety meeting w/all personnel on location. Review NFX safety Policy and Procedures, Review JSA and discuss Safety meeting Area, PPE FRC Clothing, Pinch Points, Pressure Release, and Smoking Area. Speed limit on lease roads, signing in /out. Overhead loads & trip and falls. Explain green hat polices and mentor. - 06:00 Continue FB well - 06:00 Well Temp 97 *. FCP 3214 psi on 12/64? choke. 24 hrs flowing. 562 bbls oil, 728 bbls water, gas- 307mcf. Current Well 24 hrs flowing. 562 bbls oil, 728 bbls water - 01:00 Well Temp 109*. FCP 3225 psi on 12/64? choke. 19 hrs flowing. 445 bbls oil, 576 bbls water, gas- 266mcf. 02:00 Well Temp 109*. FCP 3222 psi on 12/64? choke. 20 hrs flowing. 468 bbls oil, 601 bbls water, gas- 301mcf. 03:00 Well Temp 108*. FCP 3222 psi on 12/64? choke. 21 hrs flowing. 488 bbls oil, 630 bbls water, gas- 279mcf. Current Well 21 hrs flowing. 488 bbls oil, 630 bbls water - 07:40 Current Op?s RU Cudd 2? CT and function test BOP stack. 07:40 Function test BOP stack. Good. 08:30 MIRU Weatherford test unit & torque tools 09:00 SWI with HCR valve w/3200 psi. 09:10 ND 7-1/16? 10K night cap. 09:20 NU Cudd 2? coil tubing BOP stack consisting of: 7-1/16? 10K x 4-1/16? 15K spool, 4-1/16? 15K Blind shear rams, 4-1/16? 15K manual gate valve (rental), 4-1/16? 15K pipe rams, flow cross w/2 inside manual gate valves, 2 outside HCR valves, Quad BOP stack consisting of (fr/bottom to top): pipe rams, slips, shear & Blind. - 115:47 TOOH w/BHA w/first passes from 13,830 up to 9,800? @ 50 ft/min. 17:05 stop for 2

RECEIVED: Jan. 28, 2014

min @ 9,800?. 17:07 RIH w/second passes from 9,800? down to 13,830? @ 70 ft/min while flowing well back. Well Temp 104*. FCP 3244 psi on 12/64? choke. 9-1/2 hrs flowing. 203 bbls oil, 249 bbls water, gas- 302mcf. 18:08 stop for 2 min @ 13,832?. - 12:20 Open Cudd 4-1/16' 15K manual gate valve. Started RIH w/BHA on bottom of 2" Coil at 100 ft/min. 13:30 Currently at 6,000? `CTM?. Continue RIH to 9,800? at 100 ft/min while flowing back well. Well Temp 104*. FCP 3177 psi on 12/64? choke. 5-1/2 hrs flowing. 143 bbls oil, 162 bbls water, gas- 239mcf. 14:12 Stop for 7 min @ 9,800'. 14:19 Continue RIH w/BHA w/first pass from 9,800? down to 13,830? 50 ft/min. Well Temp 105*. FCP 3277 psi on 12/64? choke. 8-1/2 hrs flowing. 178 bbls oil, 237 bbls water, gas- 239mcf. 15:45 stop for 2 min @ 13,830'. - 11:30 RU Weatherford test hose onto Cudd quad BOP stack. 11:55 Shell testing from Cudd manual gate valve up to Injector head to 250 psi for low, for 5 min. Test good. BO pressure. Test same to 8,000 psi for high, for 10 min. Test good. BO pressure to 4,000 psi. Open Cudd manual gate valve. - 11:10 MU Weatherford BHA consisting of: Weatherford 2? coil connector & MHA: 2.875" OD w/.875" Disconnect ball: 2.875" OD x 0.683" ID x 3.55' long, X/O sub 2.900" OD x 1.550" OD X 1.250" ID x 0.95' long, X/O sub; 1.630" OD x 1.000" ID x 0.34' long. Total tool length 4.94' & RECON BHA consisting of: Memory Battery Housing (5CC): 1.69" OD x 2.33' long weight 11.60 (lbs), Uitrawire Memory tool: 1.69" OD x 2.13' long weight 10.60 (lb.), Production Gramma Ray: 1.69" OD x 1.94' long weight 9.50 (lb.), Quartz Pressure/Collar Locator; 1.69" OD x 1.58' long weight 9.00 (lb.), Production Roller Centralizer (3 Arm): 1.69" OD x 1.93' long weight 7.00 (lb.), Resistivity Array Tool: 1.69" OD x 4.28' long weight 18.00 (lb.), Fluid Density Radioactive: 1.69" OD x 1.92' long weight 10.00 (lb.), Production Roller Centralizer (3Arm): 1.69" OD x 1.93' long weight 7.00 (lb.), Spinner Array Tool: 1.69" OD x 3.79' long weight 14.30 (lb.), Gas Holdup Tool: 1.69" OD x 1.96' long weight 8.00 (lb.), Production Roller Centralizer (3 Arm): 1.69" OD x 1.93' long weight 7.00 (lb.), Capacitance Temperature Flow: 1.69" OD x 1.54' long weight 5.40 (lb.) & Continuous Flow meter Jeweled Mechanicals: 1.69" OD x 0.75' long weight 1.00 (lb.). Total tool length 28.02' long and total tool weight 118.90 (lb.). PU tool string through CT lubricator. RU CT lubricator and Injector head on top of BOP stack. - 11:00 Finish RU Cudd CT consisting of: 4-1/16" 15K lubricator 30' long, Double stripper top/bottom & Coil tubing injecter head. - 10:00 RU Weatherford test hose onto Weatherford double BOP kill valve outlets. Closed Cudd 4-1/16? 15K manual gate valve. 10:05 Currently Perform a shell test between 7-1/16" 10K HCR valve and 4-1/16" 15K manual gate valve to 250 psi for low, for 5 min. Test good. BO pressure. Test same to 8,000 psi. Test good. BO pressure to 4,000 psi. Closed Kill valves. 11:00 Open well to 12/64" choke to Production equipment - 18:08 stop for 2 min @ 13,832?. 18:10 TOOH w/second pass from 13,830? up to 9,800? @ 70 ft/min. 19:13 stop for 2 min @ 9,800?. .
Daily Cost: $0
Cumulative Cost: $4,662,029

7/2/2013 Day: 72 **Completion**

Rigless on 7/2/2013 - Flow well back to Production tanks - 21:00 Well Temp 122*. FCP 2965 psi on 14/64? choke.12 hrs flowing.348 bbls oil, 420 bbls water, gas-369mcf. 22:00 Well Temp 121*. FCP 2951 psi on 14/64? choke.13 hrs flowing.374 bbls oil, 485 bbls water, gas-316mcf. 23:00 Well Temp 121*. FCP 2928 psi on 14/64? choke.14 hrs flowing.397 bbls oil, 555 bbls water, gas- 331mcf. 00:00 Well Temp 120*. FCP 2925 psi on 14/64? choke.15 hrs flowing.414 bbls oil, 585 bbls water, gas- 342mcf. - 18:00 Well Temp 127*. FCP 3022 psi on 14/64? choke. 9 hrs flowing.253 bbls oil, 315bbls water, gas- 355mcf. 19:00 Well Temp 123*. FCP 2999 psi on 14/64? choke.10 hrs flowing.278 bbls oil, 345 bbls water, gas- 355mcf. 20:00 Well Temp 120*. FCP 2980 psi on 14/64? choke.11 hrs flowing. 308 bbls oil, 405 bbls water, gas- 335mcf. - 12:00 Well Temp 116*. FCP 3096 psi on 14/64? choke. 3 hrs flowing. 48 bbls oil, 78 bbls water, gas- 398 mcf. NOTE: Well shut in 3 hrs to RD Cudd 2? CT and to NU night cap and test. 15:00 Well Temp 118*. FCP 3119 psi on 14/64? choke. 6 hrs flowing. 132 bbls oil, 215 bbls water, gas- 332mcf. 16:00 Well Temp 118*. FCP 3089 psi on 14/64? choke. 7 hrs flowing. 169 bbls oil, 248 bbls water, gas- 358mcf. 17:00 Well Temp 119*. FCP 3058 psi on 14/64? choke. 8 hrs flowing. 208 bbls oil, 285 bbls water, gas- 266mcf. - 04:00

RECEIVED: Jan. 28, 2014

Continue flowing well back while RECON check data on PLT log. Well Temp 112*. FCP 3137 psi on 12/64? choke. 20 hrs flowing. 469 bbls oil, 595 bbls water, 189,mcf - 07:25 Finish MU Recon tools. P/U tool string inside Cudd 4-1/16? 15K lubricator. MU lubricator on top of Cudd 4-1/16? 15K BOP stack. 07:30 SWI w/3,000 psi. BO pressure 07:40 RD Cudd 2? CT. 08:05 NU 7-1/16? 10K night cap and four corner. 10:08 Finish torqueing bolts on 7-1/16? 10K night cap. - 06:30 RD Cudd CT off the 4-18-3-3 and moving over to 4A-18 RU. Will move back to 4-18-3-3 if PLT result comes back negative. 07:00 Currently MU PLT tool on bottom of Weatherford BHA to run in 4A. Plan is to MU tools, RU lubricator on top of Cudd 4-1/16? 15K BOP stack. SWI. BO pressure. Unflange 7-1/16? 10K flange, RD CT, RU CT on 4A. NU 7-1/16? 10K night cap on the 4-18 and test same and open well to 14/64? choke. - 06:00 Continue flowing well back while RECON check data on PLT log. Well Temp 103*. FCP 3099 psi on 12/64? choke. 22-1/2 hrs flowing. 516 bbls oil, 644 bbls water, 240,mcf - 10:45 Pressure test 7-1/16? 10K night cap and Rock water flowback lines to 250 for low, for 5 min. Test good. BO pressure. Test same to 8,000 psi. (Found 2 leak on flowback line at 6,000 & 7,000 psi. Change out 2 brass seal). BO pressure to repair leak. Retest night cap and flowback lines to 8,000 psi for high, for 10 min. Test good. BO pressure to 3,500 psi. RDMO Weatherford test unit. 11:34 Open well to choke. SICP 3400 PSI. 11:35 Open well on 14:64? choke to Production tanks. Currently FCP 3200 psi. Plan is to flowback well until FB is complete.
Daily Cost: $0
Cumulative Cost: $4,731,072

7/3/2013 Day: 73 **Completion**

Rigless on 7/3/2013 - Continue to Flow well to production - 05:00 Well Temp 108*. FCP 2922 psi on 14/64? choke.20 hrs flowing.582 bbls oil, 805 bbls water, gas- 363mcf. 06:00 Well Temp 105*. FCP 2908 psi on 14/64? choke.21 hrs flowing.684 bbls oil, 836 bbls water, gas- 325mcf. - Continue to flow well back to production tanks 06:00 am - Midnight Well Temp 118*. FCP 2767 psi on 14/64? choke.18 hrs flowing.498 bbls oil, 744 bbls water, gas- 319mcf - 01:00 Well Temp 118*. FCP 2911 psi on 14/64? choke.16 hrs flowing.457 bbls oil, 633 bbls water, gas-320mcf. 02:00 Well Temp 114*. FCP 2919 psi on 14/64? choke.17 hrs flowing.494 bbls oil, 686 bbls water, gas- 323mcf. 03:00 Well Temp 111*. FCP 3000 psi on 14/64? choke.18 hrs flowing.522 bbls oil, 720 bbls water, gas- 359mcf. 04:00 Well Temp 109*. FCP 2924 psi on 14/64? choke.19 hrs flowing.551 bbls oil, 750 bbls water, gas- 324mcf.
Daily Cost: $0
Cumulative Cost: $4,743,223

7/4/2013 Day: 74 **Completion**

Rigless on 7/4/2013 - Flow well - Continue to flow well back to production tanks 06:00 am - 1800pm Temp 130*. FCP 2667 psi on 14/64? choke.6 hrs flowing.159 bbls oil, 221 bbls water, gas- 206mcf - Continue to flow well back to production tanks 06:00 am - Midnight Well Temp 118*. FCP 2767 psi on 14/64? choke.18 hrs flowing.498 bbls oil, 744 bbls water, gas- 319mcf - Continue to flow well back to production tanks 06:00 am -1800pm Temp 133*. FCP 2834 psi on 14/64? choke.112 hrs flowing.297 bbls oil, 465 bbls water, gas- 113mcf
Daily Cost: $0
Cumulative Cost: $4,756,874

7/5/2013 Day: 75 **Completion**

Rigless on 7/5/2013 - Flow well - 1800pm-Temp 139*, FCP 2550 psi on 14/64" choke. 1hrs flowing. 27 BBls oil, 29 bbls water gas-323mcf 1900pm-Temp 133*, FCP 2545 psi on 14/64" choke. 1hrs flowing. 27 BBls oil, 30 bbls water gas-328mcf 2000pm-Temp 133*, FCP 2532 psi on 14/64" choke. 1hrs flowing. 18 BBls oil, 45 bbls water gas-320mcf 2100pm Temp 127*,

RECEIVED: Jan. 28, 2014

FCP 2522 psi on 14/64" choke. 1hrs flowing. 22 BBls oil, 21 bbls water gas-322mcf 2200pm Temp 125*, FCP 2517 psi on 14/64" choke. 1hrs flowing. 37 BBls oil, 69 bbls water gas-322mcf 2300pm Temp 125*, FCP 2512 psi on 14/64" choke. 1hrs flowing. 34 BBls oil, 40 bbls water gas-316mcf 2400pm Temp 132*, FCP 2507 psi on 14/64" choke. 1hrs flowing. 30 BBls oil, 40 bbls water gas-323mcf 18 hr total oil-502 bbls. 18 hr total water-712 bbls - Continue to flow well back to production tanks Midnight to -0600 amTemp 127*. FCP 2622 psi on 14/64? choke.6 hrs flowing.184bbls oil, 273 bbls water, gas- 339mcf - 0700 am-Temp 126*. FCP 2611 psi on 14/64? choke.1 hrs flowing.27 bbls oil, 47 bbls water, gas- 323mcf 0800 am-Temp 126*. FCP 2606 psi on 14/64? choke.1 hrs flowing.28 bbls oil, 37 bbls water, gas-323mcf 0900 am-Temp 129*, FCP 2602 psi on 14/64" choke. 1hrs flowing. 26.3 BBls oil, 37 bbls water gas-345mcf 1000am-Temp 133*, FCP 2595 psi on 14/64" choke. 1hrs flowing. 32 BBls oil, 44 bbls water gas-344mcf 1100am-Temp 124*, FCP 2591 psi on 14/64" choke. 1hrs flowing. 28 BBls oil, 37 bbls water gas-334mcf 6hr total oil-171.26 6 hr toal water-241 - 1200pm-Temp 117*, FCP 2586 psi on 14/64" choke. 1hrs flowing. 30 BBls oil, 39 bbls water gas-328mcf 1300pm-Temp 135*, FCP 2581 psi on 14/64" choke. 1hrs flowing. 20 BBls oil, 38 bbls water gas-328mcf 1400pm-Temp 137*, FCP 2575 psi on 14/64" choke. 1hrs flowing. 29 BBls oil, 41 bbls water gas-331mcf 1500pm-Temp 136*, FCP 2562 psi on 14/64" choke. 1hrs flowing. 30 BBls oil, 38 bbls water gas-333mcf 1600pm-Temp 138*, FCP 2556 psi on 14/64" choke. 1hrs flowing. 32 BBls oil, 45 bbls water gas-327mcf 1700pm-Temp 135*, FCP 2550 psi on 14/64" choke. 1hrs flowing. 25 BBls oil, 35 bbls water gas-329mcf 12 hr total for oil-334.26. 12 hr total ,for water-467

Daily Cost: $0

Cumulative Cost: $5,031,461

7/6/2013 Day: 76 **Completion**

Rigless on 7/6/2013 - Flow well. - 1200am Temp 133*, FCP 2436 psi on 14/64" choke. 1hrs flowing. 32 BBls oil, 36 bbls water gas-317mcf 1300pm Temp 132*, FCP 2437 psi on 14/64" choke. 1hrs flowing. 20 BBls oil, 40 bbls water gas-320mcf 7 hr total for oil -182 bbls. 7 hr total for water-286 bbls 1400pm Temp 134*, FCP 2433 psi on 14/64" choke. 1hrs flowing. 25 BBls oil, 40 bbls water gas-329mcf 1500pm Temp 136*, FCP 2428 psi on 14/64" choke. 1hrs flowing. 24 BBls oil, 38 bbls water gas-313mcf 9 hr total for oil -231 bbls. 9 hr total for water-364 bbls - 0600am Temp 120*, FCP 2472 psi on 14/64" choke. 1hrs flowing. 26 BBls oil, 40 bbls water gas-306mcf 0700am Temp 127*, FCP 2467 psi on 14/64" choke. 1hrs flowing. 22.26 BBls oil, 55 bbls water gas-312mcf 0800am Temp 127*, FCP 2463 psi on 14/64" choke. 1hrs flowing. 28.74 BBls oil, 31 bbls water gas-337mcf 0900am Temp 128*, FCP 2452 psi on 14/64" choke. 1hrs flowing. 25 BBls oil, 39 bbls water gas-329mcf 1000am Temp 127*, FCP 2446 psi on 14/64" choke. 1hrs flowing. 27 BBls oil, 40 bbls water gas-315mcf 1100am Temp 131*, FCP 2441 psi on 14/64" choke. 1hrs flowing. 27 BBls oil, 45 bbls water gas-316mcf 5hr total for oil -130 bbls. 5hr total for water-210 - 1600pm Temp 133*, FCP 2423 psi on 14/64" choke. 1hrs flowing. 25 BBls oil, 38 bbls water gas-308mcf 1700pm Temp 134*, FCP 2417 psi on 14/64" choke. 1hrs flowing. 25 BBls oil, 39 bbls water gas-238mcf 11 hr total for oil -281 bbls. 11 hr total for water- 441 bbls 1800pm Temp 135*, FCP 2412 psi on 14/64" choke. 1hrs flowing. 48 BBls oil, 38 bbls water gas-312mcf 1900pm Temp 130*, FCP 2408 psi on 14/64" choke. 1hrs flowing. 17 BBls oil, 37 bbls water gas-238mcf 2000pm Temp 130*, FCP 2402psi on 14/64" choke. 1hrs flowing. 37 BBls oil, 20 bbls water gas-238mcf 2100pm Temp 134*, FCP 2398 psi on 14/64" choke. 1hrs flowing. 22 BBls oil, 50 bbls water gas-238mcf 2200pm Temp 128*, FCP 2388 psi on 14/64" choke. 1hrs flowing. 27 BBls oil, 40 bbls water gas-238mcf 16hr total for oil- 432.16 16 Hr total for water-626 - 2300pm Temp 128*, FCP 2387psi on 14/64" choke. 1hrs flowing. 30 BBls oil, 49 bbls water gas-316mcf 0000pm Temp 127*, FCP 2384 psi on 14/64" choke. 1hrs flowing. 20 BBls oil, 40 bbls water gas-308mcf 18hr total for oil- 482.16 16 Hr total for water-715 - 0001am Temp 128*, FCP 2501 psi on 14/64" choke. 1hrs flowing. 20 BBls oil, 46 bbls water gas-317mcf 0200am Temp 123*, FCP 2496 psi on 14/64" choke. 1hrs flowing. 25 BBls oil, 30 bbls water gas-315mcf 0300am Temp 120*, FCP 2490 psi on 14/64" choke. 1hrs flowing. 25 BBls oil, 47 bbls water gas-314mcf

RECEIVED: Jan. 28, 2014

0400am Temp 124*, FCP 2485 psi on 14/64" choke. 1hrs flowing. 20 BBls oil, 33 bbls water gas-315mcf 0500am Temp 120*, FCP 2478 psi on 14/64" choke. 1hrs flowing. 25 BBls oil, 39 bbls water gas-306mcf 6hr total for oil -141 bbls. 6hr total for water-235
Daily Cost: $0
Cumulative Cost: $5,045,112

7/7/2013 Day: 77 **Completion**

Rigless on 7/7/2013 - FB Well - 2200pm Temp 131*, FCP 2217 psi on 16/64" choke. 1hrs flowing. 10 BBls oil, 80 bbls water gas-341mcf 2300pm Temp 133*, FCP 2210 psi on 16/64" choke. 1hrs flowing. 17 BBls oil, 55 bbls water gas-340mcf 2400pm Temp 129*, FCP 2204 psi on 16/64" choke. 1hrs flowing. 13 BBls oil, 80 bbls water gas-330mcf 18 hr total for oil - 500.58 bbls. 18 hr total for water- 839 bbls - 1700pm Temp 127*, FCP 2242 psi on 16/64" choke. 1hrs flowing. 33 BBls oil, 53 bbls water gas-307mcf 1800pm Temp 130*, FCP 2236 psi on 16/64" choke. 1hrs flowing. 29 BBls oil, 22 bbls water gas-337mcf 1900pm Temp 134*, FCP 2229 psi on 16/64" choke. 1hrs flowing. 31 BBls oil, 76 bbls water gas-322mcf 2000pm Temp 136*, FCP 2230 psi on 16/64" choke. 1hrs flowing. 61 BBls oil, 29 bbls water gas-345mcf 2100pm Temp 130*, FCP 2223 psi on 16/64" choke. 1hrs flowing. 46 BBls oil, 15 bbls water gas-345mcf 15 hr total for oil -460.58 bbls. 15 hr total for water-624 bbls. - 0100am Temp 128*, FCP 2379 psi on 14/64" choke. 1hrs flowing. 25 BBls oil, 30 bbls water gas-306mcf 0200am Temp 128*, FCP 2399 psi on 14/64" choke. 1hrs flowing. 27 BBls oil, 52 bbls water gas-308mcf 0300am Temp 123*, FCP 2373 psi on 14/64" choke. 1hrs flowing. 17 BBls oil, 36 bbls water gas-306mcf 0400am Temp 128*, FCP 2369 psi on 14/64" choke. 1hrs flowing. 26 BBls oil, 37 bbls water gas-307mcf 0500am Temp 128*, FCP 2365 psi on 14/64" choke. 1hrs flowing. 29 BBls oil, 43 bbls water gas-288mcf 0600am Temp 128*, FCP 2361 psi on 14/64" choke. 1hrs flowing. 27 BBls oil, 39 bbls water gas-302mcf 24hr total for oil-633.16 24Hr total for water-952 - 1100am Temp 130*, FCP 2304 psi on 16/64" choke. 1hrs flowing. 32 BBls oil, 48 bbls water gas-338mcf 1200am Temp 132*, FCP 2287 psi on 16/64" choke. 1hrs flowing. 27 BBls oil, 48 bbls water gas-346mcf 1300pm Temp 138*, FCP 2276 psi on 16/64" choke. 1hrs flowing. 5.84 BBls oil, 34 bbls water gas-354mcf 7 hr total for oil-162.42 bbls 7 Hr total for water-299 bbls - 0700am Temp 129*, FCP 2350 psi on 14/64" choke. 1hrs flowing. 25.58 BBls oil, 49 bbls water gas-300mcf 0800am Temp 126*, FCP 2346 psi on 14/64" choke. 1hrs flowing. 23 BBls oil, 36 bbls water gas-304mcf 0900am Temp 132*, FCP 2341 psi on 14/64" choke. 1hrs flowing. 25 BBls oil, 39 bbls water gas-307mcf 0915 Change choke from 14 to 16/64" choke. 1000am Temp 130*, FCP 2323 psi on 16/64" choke. 1hrs flowing. 30 BBls oil, 45 bbls water gas-351mcf 4 hr total for oil- 103.58 4 Hr total for water-169 - 1400am Temp 137*, FCP 2265 psi on 16/64" choke. 1hrs flowing. 32 BBls oil, 35 bbls water gas-357mcf 1500am Temp 133*, FCP 2260 psi on 16/64" choke. 1hrs flowing. 25 BBls oil, 45 bbls water gas-346mcf 1600pm Temp 126*, FCP 2251 psi on 16/64" choke. 1hrs flowing. 35 BBls oil, 50 bbls water gas-344mcf 10 hr total for oil- 260.42 bbls 10 Hr total for water-429 bbls
Daily Cost: $0
Cumulative Cost: $5,059,123

7/8/2013 Day: 78 **Completion**

Rigless on 7/8/2013 - FB Well - 2000pm Temp 137*, FCP 2103 psi on 16/64" choke. 1hrs flowing. 20 BBls oil, 50 bbls water gas-319 mcf 2100pm Temp 133*, FCP 2100 psi on 16/64" choke. 1hrs flowing. 25 BBls oil, 37 bbls water gas-318 mcf 2200pm Temp 134*, FCP 2095 psi on 16/64" choke. 1hrs flowing. 25 BBls oil, 23 bbls water gas-291 mcf 2300pm Temp 134*, FCP 2091 psi on 16/64" choke. 1hrs flowing. 27 BBls oil, 53 bbls water gas-302 mcf 2400pm Temp 134*, FCP 2087 psi on 16/64" choke. 1hrs flowing. 24 BBls oil, 47 bbls water gas-318 mcf 18 hr total for oil-472.58 bbls. 18 hr total for water-759 bbls. - 1600pm Temp 136*, FCP 2121 psi on 16/64" choke. 1hrs flowing. 25 BBls oil, 46 bbls water gas-325mcf 1700pm Temp

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136*, FCP 2118 psi on 16/64" choke. 1hrs flowing. 27 BBls oil, 40 bbls water gas-320 mcf 1800pm Temp 138*, FCP 2113 psi on 16/64" choke. 1hrs flowing. 32 BBls oil, 5 bbls water gas-320 mcf 1900pm Temp 136*, FCP 2109 psi on 16/64" choke. 1hrs flowing. 28 BBls oil, 103 bbls water gas-317 mcf 13 hr total for oil -351.58bbls. 13 hr total for water -549bbls. - 0000am Temp 133*, FCP 2204 psi on 16/64" choke. 1hrs flowing. 13 BBls oil, 80 bbls water gas-330mcf 0100am Temp 133*, FCP 2198 psi on 16/64" choke. 1hrs flowing. 17 BBls oil, 20 bbls water gas-337mcf 0200am Temp 133*, FCP 2192 psi on 16/64" choke. 1hrs flowing. 20 BBls oil, 33 bbls water gas-321mcf 0300am Temp 124*, FCP 2186 psi on 16/64" choke. 1hrs flowing. 25 BBls oil, 52 bbls water gas-339mcf 0400am Temp 131*, FCP 2178 psi on 16/64" choke. 1hrs flowing. 35 BBls oil, 50 bbls water gas-321mcf 0500am Temp 130*, FCP 2172 psi on 16/64" choke. 1hrs flowing. 37.84 BBls oil, 45 bbls water gas-340mcf 23hr total for oil-629.42.bbls. 23hr total for water-839 bbls. - 1000am Temp 134*, FCP 2146 psi on 16/64" choke. 1hrs flowing. 25 BBls oil, 40 bbls water gas-314mcf 1100am Temp 135*, FCP 2143 psi on 16/64" choke. 1hrs flowing. 24 BBls oil, 48 bbls water gas-339mcf 1200am Temp 136*, FCP 2137 psi on 16/64" choke. 1hrs flowing. 23 BBls oil, 42 bbls water gas-329mcf 6 hr total for oil-158.42 bbls. 6 hr total for water-246 bbls. - 0600am Temp 130*, FCP 2165 psi on 16/64" choke. 1hrs flowing. 3 BBls oil, 26 bbls water gas-324mcf 24hr total for oil-638.42 bbls. 24hr total for water-1065 bbls. 0700am Temp 124*, FCP 2163 psi on 16/64" choke. 1hrs flowing. 22.42 BBls oil, 32 bbls water gas-322mcf 0800am Temp 129*, FCP 2157 psi on 16/64" choke. 1hrs flowing. 27 BBls oil, 52 bbls water gas-329mcf 0900am Temp 130*, FCP 2153 psi on 16/64" choke. 1hrs flowing. 37 BBls oil, 32 bbls water gas-334mcf 3 hr total for oil-86.42 bbls. 3 hr total for water-116 bbls. - 1300pm Temp 134*, FCP 2133 psi on 16/64" choke. 1hrs flowing. 32 BBls oil, 42 bbls water gas-322 mcf 1400pm Temp 135*, FCP 2131 psi on 16/64" choke. 1hrs flowing. 20 BBls oil, 37 bbls water gas-320 mcf 1500pm Temp 132*, FCP 2126 psi on 16/64" choke. 1hrs flowing. 29.16 BBls oil, 30 bbls water gas-314 mcf 9 hr total for oil-239.58 bbls. 9 hr total for water-355 bbls.

Daily Cost: $0
Cumulative Cost: $5,090,586

7/9/2013 Day: 79 **Completion**

Rigless on 7/9/2013 - FB Well - 2200pm-Temp 133*, FCP 1996 psi on 16/64" choke. 1hrs flowing. 26 BBls oil, 32 bbls water gas-315 mcf 2300pm-Temp 133*, FCP 1996 psi on 16/64" choke. 1hrs flowing. 23 BBls oil, 32 bbls water gas-322 mcf 0000pm-Temp 130*, FCP 1992 psi on 16/64" choke. 1hrs flowing. 28 BBls oil, 44 bbls water gas-304 mcf - 1600pm-Temp 138*, FCP 2011 psi on 16/64" choke. 1hrs flowing. 19 BBls oil, 40 bbls water gas-300 mcf 1700pm-Temp 139*, FCP 2008 psi on 16/64" choke. 1hrs flowing. 27.58 BBls oil, 43 bbls water gas-306 mcf 1800pm-Temp 137*, FCP 2005 psi on 16/64" choke. 1hrs flowing. 25.84 BBls oil, 27 bbls water gas-309 mcf 1900pm-Temp 135*, FCP 2000 psi on 16/64" choke. 1hrs flowing. 22 BBls oil, 37 bbls water gas-304 mcf 2000pm-Temp 135*, FCP 1997 psi on 16/64" choke. 1hrs flowing. 22 BBls oil, 47 bbls water gas-308 mcf 2100pm-Temp 135*, FCP 1996 psi on 16/64" choke. 1hrs flowing. 23.42 BBls oil, 43 bbls water gas-291 mcf - 0000pm Temp 134*, FCP 2087 psi on 16/64" choke. 1hrs flowing. 24 BBls oil, 47 bbls water gas-318 mcf 0100am-Temp 134*, FCP 2083 psi on 16/64" choke. 1hrs flowing. 28 BBls oil, 28 bbls water gas-312 mcf 0200am-Temp 131*, FCP 2079 psi on 16/64" choke. 1hrs flowing. 20 BBls oil, 32 bbls water gas-272 mcf 0300am-Temp 135*, FCP 2075 psi on 16/64" choke. 1hrs flowing. 30 BBls oil, 47 bbls water gas-316 mcf 0400am-Temp 130*, FCP 2069 psi on 16/64" choke. 1hrs flowing. 22 BBls oil, 40 bbls water gas-291 mcf 22hr total for oil-572.58 bbls. 22hr total for water-906 bbls. - 0700am-Temp 126*, FCP 2056 psi on 16/64" choke. 1hrs flowing. 37.16 BBls oil, 46 bbls water gas-310 mcf 0800am-Temp 128*, FCP 2052 psi on 16/64" choke. 1hrs flowing. 29 BBls oil, 30 bbls water gas-309 mcf 0900am-Temp 131*, FCP 2049 psi on 16/64" choke. 1hrs flowing. 25 BBls oil, 39 bbls water gas-308 mcf 3hr total for oil-91.16 bbls. 3hr total for water-115 bbls. 1000am-Temp 135*, FCP 2044 psi on 16/64" choke. 1hrs flowing. 20 BBls oil, 47 bbls water gas-269 mcf 1100am-Temp 129*, FCP 2039 psi on 16/64" choke. 1hrs flowing. 32 BBls oil, 33 bbls water gas-288 mcf 1200am-Temp 138*, FCP 2031 psi on 16/64"

RECEIVED: Jan. 28, 2014

choke. 1hrs flowing. 20 BBls oil, 42 bbls water gas-296 mcf 6hr total for oil-163.16 bbls. 6hr total for water-237 bbls. - 0500am-Temp 124*, FCP 2066 psi on 16/64" choke. 1hrs flowing. 21.74 BBls oil, 13 bbls water gas-302 mcf 0600am-Temp 125*, FCP 2061 psi on 16/64" choke. 1hrs flowing. 24 BBls oil, 39 bbls water gas-207 mcf 24hr total for oil-613.86 bbls. 24hr total for water-935 bbls. - 1300pm-Temp 138*, FCP 2023 psi on 16/64" choke. 1hrs flowing. 28 BBls oil, 40 bbls water gas-305 mcf 1400pm-Temp 139*, FCP 2019 psi on 16/64" choke. 1hrs flowing. 24 BBls oil, 28 bbls water gas-307 mcf 1500pm-Temp 140*, FCP 2015 psi on 16/64" choke. 1hrs flowing. 23.42 BBls oil, 39 bbls water gas-302 mcf 9 hr total for oil-238.58 bbls. 9 hr total for water-344 bbls.
Daily Cost: $0
Cumulative Cost: $5,115,728

7/10/2013 Day: 80 **Completion**

Rigless on 7/10/2013 - FB Well - 2200pm-Temp 140*, FCP 1746 psi on 18/64" choke. 1hrs flowing. 30 BBls oil, 61 bbls water gas-432 mcf 2300pm-Temp 142*, FCP 1728 psi on 18/64" choke. 1hrs flowing. 35 BBls oil, 65 bbls water gas-412 mcf 0000pm-Temp 139*, FCP 1710 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 60 bbls water gas-409 mcf 18 hr total for oil-489.26 bbls. 18 hr total for water-821 bbls. - 1900pm-Temp 141*, FCP 1849 psi on 18/64" choke. 1hrs flowing. 45 BBls oil, 56 bbls water gas-442 mcf 2000pm-Temp 140*, FCP 1797 psi on 18/64" choke. 1hrs flowing. 24 BBls oil, 57 bbls water gas-453 mcf 2100pm-Temp 142*, FCP 1770 psi on 18/64" choke. 1hrs flowing. 37 BBls oil, 55 bbls water gas-431 mcf 15 hr total for oil-399.26 bbls. 15 hr total for water-635 bbls. - 1600pm-Temp 137*, FCP 1924 psi on 16/64" choke. 1hrs flowing. 24 BBls oil, 35 bbls water gas-275 mcf 1700pm-Temp 138*, FCP 1921 psi on 16/64" choke. 1hrs flowing. 23 BBls oil, 40 bbls water gas-303 mcf 1800pm-Temp 136*, FCP 1879 psi on 18/64" choke. 1hrs flowing. 30 BBls oil, 31 bbls water gas-429 mcf 12 hr total for oil-293.26 bbls. 12 hr total for water-467 bbls. - 0100am-Temp 130*, FCP 1988 psi on 16/64" choke. 1hrs flowing. 31 BBls oil, 37 bbls water gas-302 mcf 0200am-Temp 126*, FCP 1985 psi on 16/64" choke. 1hrs flowing. 15 BBls oil, 38 bbls water gas-303 mcf 0300am-Temp 126*, FCP 1980 psi on 16/64" choke. 1hrs flowing. 23 BBls oil, 34 bbls water gas-299 mcf 0400am-Temp 129*, FCP 1976 psi on 16/64" choke. 1hrs flowing. 20 BBls oil, 46 bbls water gas-297 mcf 0500am-Temp 126*, FCP 1972 psi on 16/64" choke. 1hrs flowing. 29 BBls oil, 46 bbls water gas-317 mcf 0600am-Temp 123*, FCP 1995 psi on 16/64" choke. 1hrs flowing. 24.16 BBls oil, 17 bbls water gas-301 mcf 24 hr total for oil-597.16 bbls. 24 hr total for water-907 bbls. - 1000am-Temp 131*, FCP 1952 psi on 16/64" choke. 1hrs flowing. 23 BBls oil, 35 bbls water gas-302 mcf 1100am-Temp 132*, FCP 1947 psi on 16/64" choke. 1hrs flowing. 24 BBls oil, 38 bbls water gas-309 mcf 1200am-Temp 135*, FCP 1944 psi on 16/64" choke. 1hrs flowing. 25 BBls oil, 27 bbls water gas-308 mcf 6 hr total for oil-146 bbls. 6 hr total for water-231 bbls. - 0700am-Temp 123*, FCP 1955 psi on 16/64" choke. 1hrs flowing. 22 BBls oil, 42 bbls water gas-296 mcf 0800am-Temp 127*, FCP 1957 psi on 16/64" choke. 1hrs flowing. 30 BBls oil, 61 bbls water gas-295 mcf 0900am-Temp 130*, FCP 1975 psi on 16/64" choke. 1hrs flowing. 22 BBls oil, 28 bbls water gas-303 mcf 3 hr total for oil-74 bbls. 3 hr total for water-131 bbls. - 1300pm-Temp 136*, FCP 1940 psi on 16/64" choke. 1hrs flowing. 37 BBls oil, 53 bbls water gas-305 mcf 1400pm-Temp 137*, FCP 1931 psi on 16/64" choke. 1hrs flowing. 18 BBls oil, 45 bbls water gas-311 mcf 1500pm-Temp 137*, FCP 1928 psi on 16/64" choke. 1hrs flowing. 15 BBls oil, 32 bbls water gas-277 mcf 9 hr total for oil-216 bbls. 9 hr total for water-361 bbls.
Daily Cost: $0
Cumulative Cost: $5,224,573

7/11/2013 Day: 81 **Completion**

Rigless on 7/11/2013 - FB Well - 1600pm-Temp 147*, FCP 1505 psi on 18/64" choke. 1hrs flowing. 18 BBls oil, 66 bbls water gas-358 mcf 1700pm-Temp 143*, FCP 1500 psi on 18/64"

RECEIVED: Jan. 28, 2014

choke. 1hrs flowing. 32 BBls oil, 32 bbls water gas-318 mcf 1800pm-Temp 143*, FCP 1499 psi on 18/64" choke. 1hrs flowing. 15 BBls oil, 67 bbls water gas-350 mcf 12 hr total for oil-333.26 bbls. 12 hr total for water-671 bbls. - 1300pm-Temp 146*, FCP 1537 psi on 18/64" choke. 1hrs flowing. 38 BBls oil, 69 bbls water gas-356 mcf 1400pm-Temp 145*, FCP 1515 psi on 18/64" choke. 1hrs flowing. 17 BBls oil, 51 bbls water gas-388 mcf 1500pm-Temp 147*, FCP 1508 psi on 18/64" choke. 1hrs flowing. 50 BBls oil, 71 bbls water gas-370 mcf 9 hr total for oil-268.26 bbls. 9 hr total for water-506 bbls. - 1000am-Temp 142*, FCP 1580 psi on 18/64" choke. 1hrs flowing. 32 BBls oil, 58 bbls water gas-359 mcf 1100am-Temp 143*, FCP 1563 psi on 18/64" choke. 1hrs flowing. 24 BBls oil, 57 bbls water gas-373 mcf 1200am-Temp 146*, FCP 1550 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 42 bbls water gas-371 mcf 6 hr total for oil-163.26 bbls. 6 hr total for water-315 bbls. - 1900pm-Temp 143*, FCP 1492 psi on 18/64" choke. 1hrs flowing. 27 BBls oil, 63 bbls water gas-361 mcf 2000pm-Temp 144*, FCP 1490 psi on 18/64" choke. 1hrs flowing. 28 BBls oil, 52 bbls water gas-333 mcf 2100pm-Temp 141*, FCP 1486 psi on 18/64" choke. 1hrs flowing. 26 BBls oil, 44 bbls water gas-331 mcf 15 hr total for oil-414.26 bbls. 15 hr total for water-830 bbls. - 0400am-Temp 136*, FCP 1651 psi on 18/64" choke. 1hrs flowing. 25.42 BBls oil, 55 bbls water gas-381 mcf 0500am-Temp 134*, FCP 1640 psi on 18/64" choke. 1hrs flowing. 29.74 BBls oil, 49 bbls water gas-378 mcf 0600am-Temp 136*, FCP 1626 psi on 18/64" choke. 1hrs flowing. 50 BBls oil, 73 bbls water gas-369 mcf 24 hr total for oil-690.42 bbls. 24 hr total for water-1184 bbls. - 0100am-Temp 141*, FCP 1697 psi on 18/64" choke. 1hrs flowing. 37 BBls oil, 66 bbls water gas-403 mcf 0200am-Temp 141*, FCP 1680 psi on 18/64" choke. 1hrs flowing. 30 BBls oil, 60 bbls water gas-333 mcf 0300am-Temp 139*, FCP 1665 psi on 18/64" choke. 1hrs flowing. 29 BBls oil, 60 bbls water gas-340 mcf 21 hr total for oil-585.26 bbls. 21 hr total for water-1007 bbls. - 2200pm-Temp 141*, FCP 1464 psi on 18/64" choke. 1hrs flowing. 28 BBls oil, 56 bbls water gas-343 mcf 2300pm-Temp 134*, FCP 1460 psi on 18/64" choke. 1hrs flowing. 27 BBls oil, 55 bbls water gas-337 mcf 0000pm-Temp 139*, FCP 1454 psi on 18/64" choke. 1hrs flowing. 27 BBls oil, 57 bbls water gas-343 mcf 18 hr total for oil-496.26 bbls. 18 hr total for water-998 bbls. - 0700am-Temp 137*, FCP 1617 psi on 18/64" choke. 1hrs flowing. 47 BBls oil, 29 bbls water gas-368 mcf 0800am-Temp 138*, FCP 1603 psi on 18/64" choke. 1hrs flowing. 2.26 BBls oil, 78 bbls water gas-404 mcf 0900am-Temp 139*, FCP 1597 psi on 18/64" choke. 1hrs flowing. 33 BBls oil, 51 bbls water gas-348 mcf 3 hr total for oil-82.26 bbls. 3 hr total for water-158 bbls.

Daily Cost: $0

Cumulative Cost: $5,236,724

7/12/2013 Day: 82 **Completion**

Rigless on 7/12/2013 - FB well - 1300pm-Temp 121*, FCP 1390 psi on 18/64" choke. 1hrs flowing. 21 BBls oil, 50 bbls water gas-357 mcf 1400pm-Temp 135*, FCP 1363 psi on 18/64" choke. 1hrs flowing. 32 BBls oil, 36 bbls water gas-342 mcf 1500pm-Temp 132*, FCP 1358 psi on 18/64" choke. 1hrs flowing. 24 BBls oil, 69 bbls water gas-349 mcf 9 hr total for oil-241.42 bbls. 9 hr total for water-459 bbls. - 2200pm-Temp 134*, FCP 1343 psi on 18/64" choke. 1hrs flowing. 19 BBls oil, 45 bbls water gas-317 mcf 2300pm-Temp 138*, FCP 1340 psi on 18/64" choke. 1hrs flowing. 30 BBls oil, 50 bbls water gas-313 mcf 0000pm-Temp 138*, FCP 1338 psi on 18/64" choke. 1hrs flowing. 21.42 BBls oil, 54 bbls water gas-312 mcf 18 hr total for oil-461.84 bbls. 18 hr total for water-908 bbls. - 1000am-Temp 137*, FCP 1445 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 52 bbls water gas-354 mcf 1100am-Temp 138*, FCP 1389 psi on 18/64" choke. 1hrs flowing. 35 BBls oil, 51 bbls water gas-362 mcf 1200am-Temp 141*, FCP 1395 psi on 18/64" choke. 1hrs flowing. 22.42 BBls oil, 45 bbls water gas-357 mcf 6 hr total for oil-164.42 bbls. 6 hr total for water-304 bbls. - 0700am-Temp 137*, FCP 1417 psi on 18/64" choke. 1hrs flowing. 28 BBls oil, 55 bbls water gas-340 mcf 0800am-Temp 136*, FCP 1394 psi on 18/64" choke. 1hrs flowing. 34 BBls oil, 48 bbls water gas-361 mcf 0900am-Temp 138*, FCP 1474 psi on 18/64" choke. 1hrs flowing. 23 BBls oil, 53 bbls water gas-352 mcf 3 hr total for oil-85 bbls. 3 hr total for water-156 bbls. - 0400am-Temp 136*, FCP 1425 psi on 18/64" choke. 1hrs flowing. 23 BBls oil, 62 bbls water

RECEIVED: Jan. 28, 2014

gas-337 mcf 0500am-Temp 138*, FCP 1424 psi on 18/64" choke. 1hrs flowing. 31 BBls oil, 51 bbls water gas-360 mcf 0600am-Temp 138*, FCP 1412 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 52 bbls water gas-360 mcf 24 hr total for oil-655.42 bbls. 24 hr total for water-1322 bbls. - 0100am-Temp 136*, FCP 1452 psi on 18/64" choke. 1hrs flowing. 23.16 BBls oil, 47 bbls water gas-343 mcf 0200am-Temp 135*, FCP 1438 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 60 bbls water gas-346 mcf 0300am-Temp 136*, FCP 1428 psi on 18/64" choke. 1hrs flowing. 35 BBls oil, 52 bbls water gas-344 mcf 21 hr total for oil-576.42 bbls. 21 hr total for water-1057 bbls. - 1900pm-Temp 141*, FCP 1343 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 47 bbls water gas-309 mcf 2000pm-Temp 138*, FCP 1343 psi on 18/64" choke. 1hrs flowing. 27 BBls oil, 49 bbls water gas-327 mcf 2100pm-Temp 136*, FCP 1343 psi on 18/64" choke. 1hrs flowing. 21 BBls oil, 46 bbls water gas-324 mcf 15 hr total for oil-391.42 bbls. 15 hr total for water-759 bbls. - 1600pm-Temp 131*, FCP 1354 psi on 18/64" choke. 1hrs flowing. 28 BBls oil, 54 bbls water gas-362 mcf 1700pm-Temp 135*, FCP 1347 psi on 18/64" choke. 1hrs flowing. 32 BBls oil, 51 bbls water gas-321 mcf 1800pm-Temp 138*, FCP 1345 psi on 18/64" choke. 1hrs flowing. 20 BBls oil, 53 bbls water gas-318 mcf 12 hr total for oil-321.42 bbls. 12 hr total for water-617 bbls.

Daily Cost: $0

Cumulative Cost: $5,248,875

7/13/2013 Day: 83 **Completion**

Rigless on 7/13/2013 - FB Well - 2200pm-Temp 136*, FCP 1205 psi on 18/64" choke. 1hrs flowing. 28 BBls oil, 48 bbls water gas-308 mcf 2300pm-Temp 137*, FCP 1200 psi on 18/64" choke. 1hrs flowing. 20 BBls oil, 45 bbls water gas-316 mcf 0000pm-Temp 136*, FCP 1196 psi on 18/64" choke. 1hrs flowing. 29 BBls oil, 42 bbls water gas-295 mcf 18 hr total for oil-453.90 bbls. 18 hr total for water-883 bbls. - 1900pm-Temp 138*, FCP 1223 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 57 bbls water gas-325 mcf 2000pm-Temp 138*, FCP 1215 psi on 18/64" choke. 1hrs flowing. 20 BBls oil, 45 bbls water gas-319 mcf 2100pm-Temp 138*, FCP 1209 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 52 bbls water gas-325 mcf 15 hr total for oil-376.90 bbls. 15 hr total for water-748 bbls. - 1600pm-Temp 141*, FCP 1234 psi on 18/64" choke. 1hrs flowing. 26 BBls oil, 62 bbls water gas-333 mcf 1700pm-Temp 140*, FCP 1233 psi on 18/64" choke. 1hrs flowing. 32 BBls oil, 26 bbls water gas-322 mcf 1800pm-Temp 140*, FCP 1230 psi on 18/64" choke. 1hrs flowing. 24 BBls oil, 48 bbls water gas-329 mcf 12 hr total for oil-309.90 bbls. 12 hr total for water-594 bbls. - 0100am-Temp 138*, FCP 1329 psi on 18/64" choke. 1hrs flowing. 26 BBls oil, 40 bbls water gas-317 mcf 0200am-Temp 136*, FCP 1322 psi on 18/64" choke. 1hrs flowing. 23 BBls oil, 50 bbls water gas-318 mcf 0300am-Temp 131*, FCP 1315 psi on 18/64" choke. 1hrs flowing. 27 BBls oil, 46 bbls water gas-321 mcf 21 hr total for oil-537.84 bbls. 21 hr total for water-1044 bbls. - 1000am-Temp 137*, FCP 1270 psi on 18/64" choke. 1hrs flowing. 27 BBls oil, 60 bbls water gas-336 mcf 1100am-Temp 143*, FCP 1265 psi on 18/64" choke. 1hrs flowing. 13 BBls oil, 38 bbls water gas-333 mcf 1200am-Temp 140*, FCP 1258 psi on 18/64" choke. 1hrs flowing. 32.74 BBls oil, 36 bbls water gas-329 mcf 6 hr total for oil-155.90 bbls. 6 hr total for water-312 bbls. - 0700am-Temp 133*, FCP 1296 psi on 18/64" choke. 1hrs flowing. 33.16 BBls oil, 42 bbls water gas-342 mcf 0800am-Temp 132*, FCP 1284 psi on 18/64" choke. 1hrs flowing. 23 BBls oil, 68 bbls water gas-332 mcf 0900am-Temp 134*, FCP 1276 psi on 18/64" choke. 1hrs flowing. 27 BBls oil, 68 bbls water gas-341 mcf 3 hr total for oil-83.16 bbls. 3 hr total for water-178 bbls. - 0400am-Temp 131*, FCP 1311 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 47 bbls water gas-324 mcf 0500am-Temp 136*, FCP 1311 psi on 18/64" choke. 1hrs flowing. 37 BBls oil, 60 bbls water gas-320 mcf 0600am-Temp 137*, FCP 1309 psi on 18/64" choke. 1hrs flowing. 13 BBls oil, 36 bbls water gas-308 mcf 24 hr total for oil-612.84 bbls. 24 hr total for water-1187 bbls. - 1300pm-Temp 139*, FCP 1258 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 36 bbls water gas-321 mcf 1400pm-Temp 136*, FCP 1249 psi on 18/64" choke. 1hrs flowing. 23 BBls oil, 54 bbls water gas-337 mcf 1500pm-Temp 141*, FCP 1245 psi on 18/64" choke. 1hrs flowing. 24 BBls oil, 56 bbls water gas-322 mcf 9 hr total for oil-227.90 bbls. 9 hr total for water-458 bbls.

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Daily Cost: $0
Cumulative Cost: $5,261,026

7/14/2013 Day: 84 **Completion**

Rigless on 7/14/2013 - FB Well - 2200pm-Temp 141*, FCP 1143 psi on 18/64" choke. 1hrs flowing. 18.16 BBls oil, 36 bbls water gas-237 mcf 2300pm-Temp 140*, FCP 1145 psi on 18/64" choke. 1hrs flowing. 27 BBls oil, 47 bbls water gas-268 mcf 0000pm-Temp 136*, FCP 1144 psi on 18/64" choke. 1hrs flowing. 24 BBls oil, 33 bbls water gas-265 mcf 18 hr total for oil-429.42 bbls. 18 hr total for water-807 bbls. - 1900pm-Temp 140*, FCP 1151 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 47 bbls water gas-319 mcf 2000pm-Temp 140*, FCP 1149 psi on 18/64" choke. 1hrs flowing. 27 BBls oil, 50 bbls water gas-284 mcf 2100pm-Temp 141*, FCP 1141 psi on 18/64" choke. 1hrs flowing. 13 BBls oil, 45 bbls water gas-283 mcf 15 hr total for oil-360.26 bbls. 15 hr total for water-691 bbls. - 1600pm-Temp 139*, FCP 1151 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 47 bbls water gas-307 mcf 1700pm-Temp 139*, FCP 1149 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 12 bbls water gas-294 mcf 1800pm-Temp 139*, FCP 1141 psi on 18/64" choke. 1hrs flowing. 21.26 BBls oil, 63 bbls water gas-291 mcf 12 hr total for oil-298.26 bbls. 12 hr total for water-549 bbls. - 0100am-Temp 137*, FCP 1191 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 61 bbls water gas-316 mcf 0200am-Temp 136*, FCP 1186 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 52 bbls water gas-317 mcf 0300am-Temp 137*, FCP 1185 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 43 bbls water gas-297 mcf 21 hr total for oil-525.90 bbls. 21 hr total for water-1039 bbls. - 1000am-Temp 140*, FCP 1158 psi on 18/64" choke. 1hrs flowing. 29.16 BBls oil, 45 bbls water gas-307 mcf 1100am-Temp 138*, FCP 1155 psi on 18/64" choke. 1hrs flowing. 24 BBls oil, 41 bbls water gas-314 mcf 1200am-Temp 138*, FCP 1153 psi on 18/64" choke. 1hrs flowing. 18 BBls oil, 38 bbls water gas-298 mcf 6 hr total for oil-146.16 bbls. 6 hr total for water-283 bbls. - 0700am-Temp 130*, FCP 1186 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 57 bbls water gas-270 mcf 0800am-Temp 129*, FCP 1173 psi on 18/64" choke. 1hrs flowing. 24 BBls oil, 50 bbls water gas-307 mcf 0900am-Temp 136*, FCP 1166 psi on 18/64" choke. 1hrs flowing. 26 BBls oil, 52 bbls water gas-304 mcf 3 hr total for oil-75 bbls. 3 hr total for water-159 bbls. - 0400am-Temp 137*, FCP 1186 psi on 18/64" choke. 1hrs flowing. 20 BBls oil, 40 bbls water gas-293 mcf 0500am-Temp 137*, FCP 1184 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 42 bbls water gas-286 mcf 0600am-Temp 127*, FCP 1184 psi on 18/64" choke. 1hrs flowing. 18 BBls oil, 36 bbls water gas-295 mcf 24 hr total for oil-585.90 bbls. 24 hr total for water-1157 bbls. - 1300pm-Temp 140*, FCP 1158 psi on 18/64" choke. 1hrs flowing. 38.84 BBls oil, 51 bbls water gas-306 mcf 1400pm-Temp 141*, FCP 1155 psi on 18/64" choke. 1hrs flowing. 20 BBls oil, 43 bbls water gas-308 mcf 1500pm-Temp 142*, FCP 1155 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 50 bbls water gas-315 mcf 9 hr total for oil-230 bbls. 9 hr total for water-427 bbls.
Daily Cost: $0
Cumulative Cost: $5,273,177

7/15/2013 Day: 85 **Completion**

Rigless on 7/15/2013 - FB Well - 2200pm-Temp 131*, FCP 1029 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 36 bbls water gas-271 mcf 2300pm-Temp 133*, FCP 1017 psi on 18/64" choke. 1hrs flowing. 23 BBls oil, 50 bbls water gas-237 mcf 0000pm-Temp 133*, FCP 1014 psi on 18/64" choke. 1hrs flowing. 14 BBls oil, 32 bbls water gas-286 mcf 18 hr total for oil-393.84 bbls. 18 hr total for water-704 bbls. - 1900pm-Temp 132*, FCP 1037 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 38 bbls water gas-291 mcf 2000pm-Temp 132*, FCP 1034 psi on 18/64" choke. 1hrs flowing. 18 BBls oil, 40 bbls water gas-284 mcf 2100pm-Temp 132*, FCP 1033 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 47 bbls water gas-278 mcf 15 hr total for oil-334.84 bbls. 15 hr total for water-586 bbls. - 1600pm-Temp 139*, FCP 1043 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 37 bbls water gas-296 mcf 1700pm-Temp

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138*, FCP 1140 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 42 bbls water gas-301 mcf 1800pm-Temp 139*, FCP 1134 psi on 18/64" choke. 1hrs flowing. 28 BBls oil, 34 bbls water gas-294 mcf 12 hr total for oil-272.84 bbls. 12 hr total for water-461 bbls. - 0100am-Temp 133*, FCP 1142 psi on 18/64" choke. 1hrs flowing. 23 BBls oil, 40 bbls water gas-270 mcf 0200am-Temp 131*, FCP 1142 psi on 18/64" choke. 1hrs flowing. 20 BBls oil, 72 bbls water gas-268 mcf 0300am-Temp 128*, FCP 1139 psi on 18/64" choke. 1hrs flowing. 20 BBls oil, 36 bbls water gas-275 mcf 21 hr total for oil-492.42 bbls. 21 hr total for water-955 bbls. - 1000am-Temp 130*, FCP 1105 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 34 bbls water gas-288 mcf 1100am-Temp 138*, FCP 1100 psi on 18/64" choke. 1hrs flowing. 20.58 BBls oil, 46 bbls water gas-298 mcf 1200am-Temp 138*, FCP 1095 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 35 bbls water gas-296 mcf 6 hr total for oil-128.84 bbls. 6 hr total for water-236 bbls. - 0700am-Temp 131*, FCP 1129 psi on 18/64" choke. 1hrs flowing. 19 BBls oil, 40 bbls water gas-288 mcf 0800am-Temp 130*, FCP 1118 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 40 bbls water gas-308 mcf 0900am-Temp 137*, FCP 1110 psi on 18/64" choke. 1hrs flowing. 23.26 BBls oil, 41 bbls water gas-307 mcf 3 hr total for oil-64.26 bbls. 3 hr total for water-121 bbls. - 0400am-Temp 126*, FCP 1138 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 39 bbls water gas-285 mcf 0500am-Temp 131*, FCP 1137 psi on 18/64" choke. 1hrs flowing. 19 BBls oil, 34 bbls water gas-250 mcf 0600am-Temp 131*, FCP 1134 psi on 18/64" choke. 1hrs flowing. 17 BBls oil, 42 bbls water gas-289 mcf 24 hr total for oil-550.42 bbls. 24 hr total for water-1070 bbls. - 1300pm-Temp 144*, FCP 1086 psi on 18/64" choke. 1hrs flowing. 24 BBls oil, 39 bbls water gas-292 mcf 1400pm-Temp 137*, FCP 1051 psi on 18/64" choke. 1hrs flowing. 23 BBls oil, 35 bbls water gas-298 mcf 1500pm-Temp 138*, FCP 1046 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 38 bbls water gas-288 mcf 9 hr total for oil-197.84 bbls. 9 hr total for water-348 bbls.
Daily Cost: $0
Cumulative Cost: $5,285,328

7/16/2013 Day: 86 **Completion**

Rigless on 7/16/2013 - FB Well - 0100am-Temp 130*, FCP 1012 psi on 18/64" choke. 1hrs flowing. 31.16 BBls oil, 42 bbls water gas-277 mcf 0200am-Temp 131*, FCP 1011 psi on 18/64" choke. 1hrs flowing. 18 BBls oil, 42 bbls water gas-285 mcf 0300am-Temp 130*, FCP 1010 psi on 18/64" choke. 1hrs flowing. 27 BBls oil, 45 bbls water gas-273 mcf 21 hr total for oil-470 bbls. 21 hr total for water-833 bbls. - 2200pm-Temp 136*, FCP 959 psi on 18/64" choke. 1hrs flowing. 28 BBls oil, 45 bbls water gas-262 mcf 2300pm-Temp 135*, FCP 957 psi on 18/64" choke. 1hrs flowing. 15 BBls oil, 45 bbls water gas-258 mcf 0000pm-Temp 136*, FCP 956 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 324bbls water gas-249 mcf 18 hr total for oil-389.32 bbls. 18 hr total for water-707 bbls. - 1900pm-Temp 134*, FCP 997 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 30 bbls water gas-295 mcf 2000pm-Temp 135*, FCP 995 psi on 18/64" choke. 1hrs flowing. 28 BBls oil, 33 bbls water gas-253 mcf 2100pm-Temp 136*, FCP 993 psi on 18/64" choke. 1hrs flowing. 12 BBls oil, 51 bbls water gas-262 mcf 15 hr total for oil-334.84 bbls. 15 hr total for water-586 bbls. - 0400am-Temp 132*, FCP 1013 psi on 18/64" choke. 1hrs flowing. 30 BBls oil, 48 bbls water gas-269 mcf 0500am-Temp 131*, FCP 1007 psi on 18/64" choke. 1hrs flowing. 14 BBls oil, 33 bbls water gas-271 mcf 0600am-Temp 130*, FCP 1013 psi on 18/64" choke. 1hrs flowing. 9.26 BBls oil, 41 bbls water gas-259 mcf 24 hr total for oil-523.26 bbls. 24 hr total for water-955 bbls. - 1300pm-Temp 137*, FCP 985 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 43 bbls water gas-270 mcf 1400pm-Temp 140*, FCP 980 psi on 18/64" choke. 1hrs flowing. 26 BBls oil, 29 bbls water gas-222 mcf 1500pm-Temp 132*, FCP 976 psi on 18/64" choke. 1hrs flowing. 20 BBls oil, 45 bbls water gas-283 mcf 9 hr total for oil-188.74 bbls. 9 hr total for water-353 bbls. - 1000am-Temp 138*, FCP 997 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 40 bbls water gas-260 mcf 1100am-Temp 135*, FCP 991 psi on 18/64" choke. 1hrs flowing. 17 BBls oil, 34 bbls water gas-255 mcf 1200am-Temp 137*, FCP 989 psi on 18/64" choke. 1hrs flowing. 20 BBls oil, 38 bbls water gas-267 mcf 6 hr total for oil-120.74 bbls. 6 hr total for water-236 bbls. - 0700am-Temp 130*, FCP 1013 psi on 18/64" choke. 1hrs flowing. 19.74 BBls oil, 50 bbls

RECEIVED: Jan. 28, 2014

water gas-280 mcf 0800am-Temp 131*, FCP 1006 psi on 18/64" choke. 1hrs flowing. 22 BBls oil, 39 bbls water gas-270 mcf 0900am-Temp 135*, FCP 1001 psi on 18/64" choke. 1hrs flowing. 20 BBls oil, 35 bbls water gas-268 mcf 3 hr total for oil-61.74 bbls. 3 hr total for water-124 bbls. - 1600pm-Temp 136*, FCP 972 psi on 18/64" choke. 1hrs flowing. 19.58 BBls oil, 34 bbls water gas-280 mcf 1700pm-Temp 134*, FCP 969 psi on 18/64" choke. 1hrs flowing. 20 BBls oil, 47 bbls water gas-264 mcf 1800pm-Temp 134*, FCP 980 psi on 18/64" choke. 1hrs flowing. 31 BBls oil, 35 bbls water gas-252 mcf 12 hr total for oil-259.32 bbls. 12 hr total for water-469 bbls.
Daily Cost: $0
Cumulative Cost: $5,297,479

7/17/2013 Day: 87 **Completion**

Rigless on 7/17/2013 - FB Well - 00:00 P/U BOP stack w/FMC frac valve consisting of : 7-1/16? x 4-1/16? 10K DSA, 4-1/16? 10K HCR valve & 4-1/16? x 7-1/16? 10K DSA. ND FMC HCR valve. - 23:15 On Location Hold Pre Job Safety meeting w/all personnel on location. Discuss NFX Policy and Procedures as well as OSHA ,BLM , UTE Tribal , Discuss Daily Operations and Job tasks for day , Review JSA and discuss Safety meeting Area , PPE FRC Clothing , Pinch Points , Line of fire , Pressure Release , Smoking Area High Pressure Lines . - 22:30 Test TWCV to 250 for low, for 5 min W/blind shear rams closed.. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min test good. BO pressure. RD test hose. 23:05 MIRU B&G crane. - 22:25 OOH w/WL and setting tools. Recover all tools. SWI. RDMO JW Wireline and crane. MIRU Weatherford Test unit. RU pressure hose to kill valve and washed out 4? tubing hanger w/20 gallon of fresh water. Cameron installed 4? TWCV in tubing hanger. - 0100am-Temp 134*, FCP 955 psi on 18/64" choke. 1hrs flowing. 20 BBls oil, 44 bbls water gas-253 mcf 0200am-Temp 128*, FCP 954 psi on 18/64" choke. 1hrs flowing. 19 BBls oil, 32 bbls water gas-251 mcf 0300am-Temp 126*, FCP 953 psi on 18/64" choke. 1hrs flowing. 15 BBls oil, 35 bbls water gas-259 mcf 21 hr total for oil-443.32 bbls. 21 hr total for water-818 bbls. - 17:00 MU w/Halliburton 4-1/2? 10K Obsidian Kill plug #1 (CBP) 3.62? OD x 2? long, Halliburton Sleeve 3.61? OD x 2? long, Baker 20 Setting tool 3.38? OD x 6? long, Quick- Change 3.13? OD x 1.50? long, Weight Bar 2.75? OD x 5? long, Weight Bar 3.13? OD x 7? long & Cable Head 1.44? OD x 1? long. (ttl tool length 25.75? & ttl tool weight 522 lbs). PU tools string inside JW 5? lubricator and MU on top of BOP stack, RU FMC test unit and test lubricator to 4,500 psi for 5 min. Test good. BO pressure. Open Well. SICP=1,300 psi. RIH to 9,452? and correlate w/TOL at 9,442? ?WLM?, corrected +6.5?. Continue in RIH to 9,610?. P/U tools string through casing collar @ 9,600? and corrected +1.5? (ttl 9? corrected). Continue Pulling up hole to 9,570?. Set Kill plug #1 @ 9,580? in the Third jt below PBR w/1,300 psi. BO pressure on casing to 0 psi while POOH w/WL. - MIRU JW Wireline P/U lubricator, FMC test stack & lubricator test good, MU RIH w/3.625 OD gauger ring & Junk Basket to 9650. POOH w/Gauger & Junk Basket - Waiting on wireline to set plags - 0400am-Temp 127*, FCP 944 psi on 18/64" choke. 1hrs flowing. 25 BBls oil, 43 bbls water gas-251 mcf 0500am-Temp 126*, FCP 945 psi on 18/64" choke. 1hrs flowing. 13 BBls oil, 42 bbls water gas-261 mcf 23 hr total for oil-481.32 bbls. 23 hr total for water-903 bbls. - 19:35 MU w/Halliburton 4-1/2? 10K Obsidian Kill plug #1 (CBP) 3.62? OD x 2? long, Halliburton Sleeve 3.61? OD x 2? long, Baker 20 Setting tool 3.38? OD x 6? long, Quick- Change 3.13? OD x 1.50? long, Weight Bar 2.75? OD x 5? long, Weight Bar 3.13? OD x 7? long & Cable Head 1.44? OD x 1? long. (ttl tool length 25.75? & ttl tool weight 522 lbs). PU tools string inside JW 5? lubricator and MU on top of BOP stack, RU FMC test unit and test lubricator to 4,500 psi for 5 min. Test good. BO pressure. Open Well. SICP=0 psi. RIH to 9,452? and correlate w/TOL at 9,442? ?WLM?, corrected +2.5?. Continue in RIH to 9,550?. SD. Pulling up hole to 9,530?. Set Kill plug #2 @ 9,540? in the second jt below PBR w/0 psi.
Daily Cost: $0
Cumulative Cost: $5,314,401

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7/18/2013 Day: 88 **Completion**

Rigless on 7/18/2013 - NU 7-1/16' manual frav valve, BOP stack, 7-1/16" 10K x 7-1/16" 5K DSA & 7-1/16" 5k Annual/BOP perventer, - 02:00 Wait on complteion on the 4A-18. - 17:30 Open upper 4-1/2" BOP pipe rams. Pulled mandrel up to annular preventer/HyDrill. Closed upper 4-1/2" BOP pipe rams 3/4" and pulled 4-1/2? mandrel up against upper 4-1/2? BOP pipe rams. Closed HyDrill around 4-1/2" mandrel and open the inside 2-1/16" outlet valves on flowcross and closed the outside 2-1/16" outlet valves. Function & pressure test to 250 psi for low, for 5 min against the HCR valve. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. - 00:01 Continue to change out 2-3/8" pipe to 4-1/2" pipe rams. NU FMC 7-1/16" 10K manual frac valve on bottom of Weatherford BOP stack consisting of: 7-1/16" 10K Double BOP w/blind shear rams, 4-1/2" pipe rams, two 2-1/16" 10K kill valves, 7-1/16" 10K flow cross w/dual, double valve 2-1/16" outlets, single 7-1/16" 10K BOP w/4-1/2' pipe rams. Torqued all bolts. Will finish NU 7-1/16" 10K x 7-1/16' 5K DSA & 7-1/16" 5K Annular preventer/HyDrill when finish testing 4A-18 Move over to Pressure test Weatherford BOP Stack and Snubbing unit on 4A-18 - 02:00 Wait on complteion on the 4A-18. 16:00 Finish NU 7-1/16" 10K x 7-1/16' 5K DSA & 7-1/16" 5K Annular preventer/HyDrill on top of BOP sack - 01:30 Western on location to load a Cameron 7-1/16" x 4-1/16" 10K DSA, FMC HCR valve, 4-1/16" x 7-1/16" 10K DSA & accumulator w/ skid - 16:00 RU Weatherford test unit. Perform dead head test to 10,000 psi. Test good. BO pressure. RU test hose to choke kill valve on double BOP. Closed Blind shear rams. Function & pressure test blind shear rams to 250 psi for low, for 5 min w/HCR valve closed. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. PU a 4-1/2? mandrel ran down though BOP stack to the lower 4-1/2"? BOP pipe rams and closed same. Function & pressure test lower 4-1/2? BOP pipe rams against HCR valve to 250 for low, for 5 min. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. Open lower BOP pipe rams. Pulled 4-1/2" mandrel up to the upper 4-1/2? BOP pipe rams and closed same. Function & pressure test upper 4-1/2? BOP pipe rams against HCR valve and the two inside 2-1/16? outlet valve on flowcross w/ the two outside valve open to 250 for low, for 5 min. Test good. BO pressure. Testing same to 10,000 psi for high, for 10 min.
Daily Cost: $0
Cumulative Cost: $5,343,917

7/19/2013 Day: 89 **Completion**

Rigless on 7/19/2013 - Retrieved TWCV, MIRU MT States WOR, Equipment, Weatherford 10K circulating pump, Franks casing crew, Test TIW valve - Continue to testing TIW valves to 8,500 psi for high, for 10 min. Test good. BO pressure. RDMO Weatherford test unit. - 22:40 Franks casing crew Shift change. Hold Pre Job Safety meeting w/all personnel on location. Discuss NFX Policy and Procedures as well as OSHA ,BLM , UTE Tribal , Discuss Daily Operations and Job tasks for day , Review JSA and discuss Safety meeting Area , PPE FRC Clothing , Pinch Points , Line of fire , Pressure Release , Smoking Area High Pressure Lines & Blind shear rams procedure - 20:36 MU 4-1/2? casing collar on bottom of 4-1/2? TIW valve, installed a 4-1/2? swage w/1502 thread half on bottom of TIW valve Test 2 TIW valve w/Weatherford test unit to 250 for low, for 5 min. Test good. BO pressure. - Wait on completion on the 4A-18-3-3WH. - 17:45 Shift change. Hold Pre Job Safety meeting w/all personnel on location. Discuss NFX Policy and Procedures as well as OSHA ,BLM , UTE Tribal , Discuss Daily Operations and Job tasks for day , Review JSA and discuss Safety meeting Area , PPE FRC Clothing , Pinch Points , Line of fire , Pressure Release , Smoking Area High Pressure Lines & Blind shear rams procedure - Rig is moved over and rigged up. Casing Crew is on location. - RU Cameron dry rod and BO pressure. Retrieved TWCV. SWI w/FMC manual frac valve w/40-3/4 round to open/close - 18:15 MIRU Franks Casing tongs, slips & elevator.
Daily Cost: $0
Cumulative Cost: $5,366,238

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7/20/2013 Day: 90 **Completion**

Rigless on 7/20/2013 - P/U a 20' 4-1/2" casing sub and ran through BOP, screwed into 4-1/2" casing hanger. Unsecured lock-in-pins, Work 4-1/2" casing free, reverse circulate well clean, POOH/LD 4-1/2" casing on pipe rack w/thread protector. ND Annular BOP, Single BOP, - RDMO Franks Casing equipment. Rigging down MT States rig floor. - 17:45 POOH/LD 55 jts 4-1/2", 13.5#, P-110 BTC casing on pipe rack w/thread protector. 20:40 LD 1 jts 4-1/2", 13.5#, P-110 BTC, 2' x 4-1/2", 13.5#, P-110 BTC casing sub, 214 jts 4-1/2", 13.5#, P-110 BTC & QN & Halliburton Seal Assembly for VersaFlex Expandable Line Hanger. No seals miss. SWI w/FMC manual frac valve. - 17:45 Shift change. Hold Pre Job Safety meeting w/all personnel on location. Discuss NFX Policy and Procedures as well as OSHA ,BLM , UTE Tribal , Discuss Daily Operations and Job tasks for day , Review JSA and discuss Safety meeting Area , PPE FRC Clothing , Pinch Points , Line of fire , Pressure Release , Smoking Area High Pressure Lines & Blind shear rams procedure. - MIRU Weatherford test hose on kill valve on double BOP. P/U Weatherford 2-3/8" test mandrel and ran down pass pipe rams and close same. Test 2-3/8" pipe rams to 250 for low, for 5 min. Test good. BO pressure. - 20:55 NU 10K 7-1/16? X 5K 7-1/16? DSA & MT States 5K BOP. 23:15 Change out pipe rams fr/4-1/2" to 2-3/8" pipe rams. - 00:10 P/U a 20' 4-1/2" casing sub and ran through BOP, screwed into 4-1/2" casing hanger. Unsecured lock-in-pins. 00:30 P/U casing to 150,000lbs w/no movement. Work pipe fr/130K up to 150K several time w/no results. Work pipe fr/150K up to 160K several time w/no results. 00:40 RU Kelly hose to fill casing w/160 degree treated water. Fill casing w/25 bbls and casing pressure up to 300 psi. Closed TIW valve w/300 psi. RD Kelly hose. - 17:45 POOH/LD 160 jts 4-1/2", 13.5#, P-110 BTC casing on pipe rack w/thread protector. - Franks back up casing tong not bite collar waiting on Franks Delivered new back up casing tongs. - 05:30 POOH/LD 6 jts 4-1/2", 13.5#, P-110 BTC casing on pipe rack w/thread protector. - 03:40 Closed top pipe rams. RU TIW valve and Kelly hose. RU to reverse circulate. Reverse circulating at 5 bpm @ 900 psi through 3/4" choke @ 400 psi. Pumped total 438 bbls of treated water consisting of: Packer fluid, claycare & alpha 452. (Pumped 360 bbls to Pruction tanks & 78 Bls to FB tanks). RD Kelly hose. Open pipe rams. - 01:00 Work 4-1/2" casing fr/150K up to 170K several time. 4-1/2" Casing free, dragging up hole at 165K. 01:40 RU Kelly hose on top of TIW valve. 02:15 Open TIW valve and BO pressure to rig tank to 0 psi. RD Kelly hose. Slack off 4-1/2" casing. LD 4-1/2" x 20' casing sub & 4-1/2" extended neck casing hanger. Installed 4-1/2" casing collar & TIW valve. 03:00 POOH/LD 1 jt 4-1/2", 13.5#, P-110 BTC, 4-1/2" x 2' casing sub, 1 jt 4-1/2", 13.5#, P-110 BTC. - 21:45 MIRU Weatherford test unit. ND Weatherford 5K 7-1/16" Annular preventer/HyDrill & 5K x 10K 7-1/16? DSA & 10K 7-1/16? single BOP w/4-1/2" rams. Runner on location loading out 215 jts 4-1/2? , 13.5#, P-110 BTC casing, 20? x 4-1/2?, 13.5#, P-110 BTC casing sub, 2? x 4-1/2?, 13.5#, P-110 BTC casing sub, 2 -4-1/2? TIW valves w/handle & Runner heavy set pipe rack. Return to Runner yard. Western on location to load 10K 7-1/16" Annular preventer/HyDrill & 5K x 10K 7-1/16? DSA & 10K 7-1/16? single BOP with 4-1/2" rams on skid and return to Weatherford yard. Western Well Service load Halliburton Seal Assembly and return to Halliburton yard.
Daily Cost: $0
Cumulative Cost: $5,415,243

7/21/2013 Day: 91 **Completion**

Rigless on 7/21/2013 - Finish Test Weatherford 2-3/8" pipe rams, test 5K snubbing unit, MU BHA, RIH - 17:45 Shift change. Hold Pre Job Safety meeting w/all personnel on location. Discuss NFX Policy and Procedures as well as OSHA ,BLM , UTE Tribal , Discuss Daily Operations and Job tasks for day , Review JSA and discuss Safety meeting Area , PPE FRC Clothing , Pinch Points , Line of fire , Pressure Release , Smoking Area High Pressure Lines & Blind shear rams procedure. - MU & RIH w/BHA consisting of: Concave Inserted Mill w/stabilizer 3.744? O/D x 1.250? I/D x 1.58? long, Double Flapper Bit Sub: 2.960? O/D x 1.000? I/D x 2.13? long, 1 jt 2-3/8?, 5.95#, P-110 PH-6 tubing, RN Nipple: 2.909? O/D x

RECEIVED: Jan. 28, 2014

1.560? I/D x 0.75? long, 161 jts 2-3/8?, 5.95#, P-110 PH-6 tubing, R-Nipple 2.909? O/D x 1.710? I/D x 0.64? long. 309 jts 2-3/8?, 5.95#, P-110 PH-6 tubing. Tag kill plug @ 9540 PU swivel - 05:09 Move 121 jts 2-3/8", 5.95#, P-110 PH-6 tubing over to pipe rack. Tallied 121 jts and record serial # - 03:00 RU Weatherford test on kill valves off double BOP. Closed #2 blind rams on snubbing unit. Function & pressure test to 250 for low, for 5 min. Test good. BO pressure. Test same to 5000 psi for high, for 10 min. Test good. BO pressure. Open #2 Blind rams. RU 2-3/8? test mandrel. Ran test mandrel through snubbing unit below the #3 2-3/8? pipe rams, closed same. Function & pressure test to 250 for low, for 5 min. Test good. BO pressure. Open #3 pipe rams. Pull 2-3/8? mandrel up to #1 2-3/8? pipe rams, closed same. Function & pressure to 250 for low, for 5 min. Test good. BO pressure. Test same to 5000 for high, for 10 min. Test good. BO pressure. Open #1 pipe rams 3/4 and closed annular preventer/HyDrill and test to 250 for low, for 5 min. Test good. BO pressure. Test same to 3,000 psi for high, for 10 min. Test good. BO pressure. RDMO Weatherford test unit. - 00:35 Weatherford NU 10K x 5K 7-1/16" DSA & MT States 5K snubbing unit. 03:00 Runner finish loading out 4-1/2" casing. - 18:50 ? 19:07 Kill Plug #2 ? Halliburton CPB - WL Set Depth: 9,540?- TBG Tag Depth: 9,540? - Change in depth: 0 - Plug drill time: 17 - Wash Time: 0 - Sand ? 0 - Pump Pressure: 4000 - Pump Rate: 3.3 ? Wellhead Pressure ? 2000 psi through 21/64? choke. PU WT 66K. SO WT 62K. Neutral WT 64K. FS 900 psi. Drilling torque 1100 psi. WOB 2-4. Circulate 85 bbls drill plug and pumped 25 bbls over. EOT: 9571? w/309 jts. - - 20:20 Swapped over to Mountain States Rig Pump to finish pumping BU @ 9602?, Pump @ 1.5bpm @ 2100psi, 18/64? Choke @ 1725psi with 2bpm return, Circulating while working pipe up/dwn @ 100 rpms. Plan Forward: Continue Circulating at current depth with Mountain States Pump until Weatherford?s replacement pump arrives and we confirm that it will Function Properly & Tested. 23:45 Weatherfords Pump arrived. - 19:30 ? 20:00 Kill Plug #1 ? Halliburton CPB - WL Set Depth: 9,580?- TBG Tag Depth: 9,580? - Change in depth: 0 - Plug drill time: 29 - Wash Time: 0 - Sand ? 0 - Pump Pressure: 4600 - Pump Rate: 3.2 ? Wellhead Pressure ? 3300 psi through 24/64? choke. PU WT 66K. SO WT 62K. Neutral WT 64K. FS 900 psi. Drilling torque 1100 psi. WOB 2-4. Circulate 145 bbls drill plug. Continue to Circulate 1 BU with 226 total bbls and Weatherford?s Pump went down due to Transmission issue. EOT: 9602? w/310 jts. - 19:20 MU jt 310 on swivel. Break circulating. - 00:01 Continue to test Weatherford 2-3/8" pipe rams to 10,000 psi for high, for 10 min. Test good. BO pressure.

Daily Cost: $0

Cumulative Cost: $5,444,183

7/22/2013 Day: 92 **Completion**

Rigless on 7/22/2013 - Rigged up Snubbing Unit, RIH and drilled out 2 Kill Plugs. Circulate 1 BU, POOH/LD 2-3/8" PH-6 tubing, LD BHA, MU Production BHA, Started Snubbing/RIH with Production - 22:15 MU BHA. Snub/RIH with Production tubing/ BHA consisting of: 2 3/8?mule shoe , 2 3/8? XN nipple 1.875? ID w/ 1.791 no go, 2/38? x 2? perf sub w/16 holes at 0.5? diameter w/60 degree phasing, 10k ceramic burst disc, 2 3/8? x 6? pup, 2 3/8? X nipple, 1 jt 2 3/8? 4.7# L-80 tbg, X nipple & 25 jts 2-3/8?, 4.7#, L-80 EUE 8rnd tubing. EOT: 870' KB. Filling tubing every 1000'. - 20:30 Currently; Rigging down Power Swivel, moving 2 3/8? Production Tubing to Pipe Racks and Tallying Pipe. 20:35 Move 121 jts 2-3/8", 4.7#, L-80 EUE 8Rnd tubing over to pipe rack.. Tallied 121 jts. - 17:30 Shift change. Hold Pre Job Safety meeting w/all personnel on location. Discuss NFX Policy and Procedures as well as OSHA ,BLM , UTE Tribal , Discuss Daily Operations and Job tasks for day , Review JSA and discuss Safety meeting Area , PPE FRC Clothing , Pinch Points , Line of fire , Pressure Release , Smoking Area High Pressure Lines & Blind shear rams procedure. 18:00: POOH LD 2-3/8 tbg work string & BHA we have 366 jts out, 82 jts to go. WH @ 1800psi. (The P-H 6 X/over on top of dual flapper valve was full of sand & Paraffin and the mill look good as seen in picture). 18:30 Start Snubbing OOH @ joint # 60 EOT @ 1861ft. WH @ 1800psi 20:20 OOH with PH6 & Tool Joint Assy; Concave Inserted Mill w/stabilizer 3.744? O/D x 1.250? I/D x 1.58? long, Double Flapper Bit Sub: 2.960? O/D x 1.000? I/D x 2.13? long, 1 jt 2-3/8?, 5.95#, P-110 PH-6 tubing, RN Nipple: 2.909? O/D x 1.560? I/D x 0.75? long. Top X-over (RN Nipple) was

RECEIVED: Jan. 28, 2014

plugged with Scale & Paraffin. 19:30 Runner on location and load 304 jts 2-3/8", 5.953, P-110 PH-6 tubing (WS). Return to Runners yard to get inspected. - Stand back weatherford swivel POOH LD 2-3/8 work string & BHA, LD 310 jts 2-3/8" 5.95# P-110 PH6 on pipe racks 1700 psi on well. - 23;45 Weatherford's Pump arrived on location. Start rigging old Pump out of way and Rigging in New Pump. New Pump will not engage into gear to Pump. 01:45 Weatherford?s pump started working. Pumped 25bbls @ 3.1bpm @ 4400psi @ 19/64? Choke while we were Rotating Swivel @ 100 rpm - 05:05 Currently Have 419 jts @ 12,987? in Hole. We have about 40% Oil in returns so we are rigging up to circulate to Production Tanks while we Tally Pipe. Choke 18/64? @ 2100psi, Pump @ 2.6 bpm @ 3600 psi. Continue picking up PH6 Pipe and running in hole to PBTD - 04:05 Continue Flowing Well on 10/64? choke @ .75bpm returns. Currently picking up 2 3/8? PH6, 372 jts @ 11,527? in Hole. Continue picking up PH6 Pipe and running in hole to PBTD - 02:00 Shut down pump and Rack back Power Swivel in derrick. Continue Flowing Well on 10/64? choke @ .75bpm returns. Continue picking up PH6 Pipe and running in hole to PBTD - RIH w/2-3/8" 5.95# P-110 PH6 tbg tag PBTD @ 13870 on jt 447. PU weatherford swivel break circulation pumping 3.2bbm @ 3900. Choke 18/64" @ 2300 psi, circulation 2 clean up cycles. @ 6:00am to 11:am made 130 bbls oil, 293 bbls water, MCF 31.
Daily Cost: $0
Cumulative Cost: $5,563,778

7/23/2013 Day: 93 **Completion**

Rigless on 7/23/2013 - Continue PU & RIH w/Production tubing, - 06:00 P/U & RIH w/ Prod BHA 2 3/8? mule shoe , 2 3/8? XN nipple 1.875? ID w/ 1.791" No Go, 2-3/8? x 2? perf sub w/16 holes at 0.5? diameter w/60 degree phasing,10K Ceramic burst disc, 2 3/8? x 6? pup, 2 3/8? X nipple w/1.875" ID, 1 jt 2 3/8? 4.7# L-80 EUE tubing, 2-3/8" X nipple w/1.875" ID and 306 jts 2-3/8?, 4.7#, L-80 EUE 8rnd tubing. EOT: 9,915.33' KB. FB well through 12/64? chokes at 1750 psi. w/0.75 bpm in return through production equipment. - Held PJSM & JSA. B&G Crane ND Flow Cross B.O.P Shear B.O.P & Frac Valve. NU 10K Production Tree shell test production 10,000 test good. RU Weatherford pump. Burst Disc @ 4000 psi pump 77 bbls 2.5 bpm @ 1900 psi. Turn Well Over To Production. - FMC Test TWC valve 250 psi low 5 mins test good, 10,000 high 10 mins test good. RDMO Mountain States Subbing Unit & WOR. - Held PJSM & JSA. Install & MU 7-1/16" X 2-3/8" extended-neck tbg hanger w?Cameron TWC valve in hanger. Install TIW valve on top of landing jt. Equalize B.O.P stack 1750 psi land tbg hanger in B-section tighten hold down pins. Mule shoe @ 9,915.33: XN nipple @ 9,913.69: X nipple @ 9,903.26: X nipple @ 9870.00: - 00:01 Continue Snubbing/RIH with Production tubing/ BHA consisting of: 2 3/8?mule shoe , 2 3/8? XN nipple 1.875? ID w/ 1.791 no go, 2/38? x 2? perf sub w/16 holes at 0.5? diameter w/60 degree phasing, 10k ceramic burst disc, 2 3/8? x 6? pup, 2 3/8? X nipple, 1 jt 2 3/8? 4.7# L-80 tbg, X nipple & 120 jts 2-3/8?, 4.7#, L-80 EUE 8rnd tubing. EOT: 3,921' KB. - 04:40 P/U & RIH w/ Prod BHA 2 3/8? mule shoe , 2 3/8? XN nipple 1.875? ID w/ 1.791" No Go, 2-3/8? x 2? perf sub w/16 holes at 0.5? diameter w/60 degree phasing,10K Ceramic burst disc, 2 3/8? x 6? pup, 2 3/8? X nipple w/1.875" ID, 1 jt 2 3/8? 4.7# L-80 EUE tubing, 2-3/8" X nipple w/1.875" ID and 246 jts 2-3/8?, 4.7#, L-80 EUE 8rnd tubing. EOT: 7,952? KB. FB well through 12/64? chokes at 1750 psi. w/0.75 bpm in return through production equipment. - 04:30 SD to fill tubing. RDMO Perferred Hot Oiler. 04:40 Continue P/U & RIH w/2-3/8" Production tubing. RDMO Perferred Hot Oiler. - 03:30 P/U & RIH w/ Prod BHA 2 3/8? mule shoe , 2 3/8? XN nipple 1.875? ID w/ 1.791" No Go, 2-3/8? x 2? perf sub w/16 holes at 0.5? diameter w/60 degree phasing,10K Ceramic burst disc, 2 3/8? x 6? pup, 2 3/8? X nipple w/1.875" ID, 1 jt 2 3/8? 4.7# L-80 EUE tubing, 2-3/8" X nipple w/1.875" ID and 199 jts 2-3/8?, 4.7#, L-80 EUE 8rnd tubing. EOT: 6,472? KB. FB well through 12/64? chokes at 1750 psi. w/0.75 bpm in return through production equipment. Perferred Hot Oiler finish heating FB tanks and 4-C transferring oil to Production tanks. Transfer 268 bbls. 04:00 Perferred RU to frac tank #38 and heat water to 160 degree. - 02:30 Move 125 jts 2-3/8", 4.7#, L-80 EUE 8Rnd tubing over to pipe rack.. 03:00 Fill tubing. Tallied 125 jts. FB well through 12/64" choke @ 1750 psi. - 05:00 Move 73 jts 2-3/8", 4.7#, L-80 EUE 8Rnd tubing over to pipe rack.. 05:45 Fill tubing. Tallied 73 jts. FB well through 12/64"

RECEIVED: Jan. 28, 2014

choke @ 1750 psi.
Daily Cost: $0
Cumulative Cost: $5,897,735

7/30/2013 Day: 94 **Completion**

Rigless on 7/30/2013 - Capture Costs in DCR - Capture Costs in DCR. Capture Additional costs 8/23/13
Daily Cost: $0
Cumulative Cost: $6,015,882

Pertinent Files: Go to File List

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